



St. Andrews

Presbyterian College ■ Laurinburg, N. C.



Catalog Supplement 1975-1976

Special Note

The College reserves the right to make changes in particular curricular requirements and offerings, in regulations, and in fees whenever such changes are deemed essential. College catalogs and bulletins are prepared to furnish prospective students and other interested persons with information about the institution. Announcements contained in such printed material are subject to change and may not be regarded as legally binding obligations.

When any student does not show convincing evidence of being in sympathy with the purposes, policies, and procedures of the institution, the College reserves the right to ask the student to withdraw for the welfare of the institution.

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This bulletin is issued as a supplement to the complete catalog which appeared in the fall of 1974, the 1974-1975 Catalog. The supplement includes all course listings, however, narrative descriptions are given only for the new courses. Other material in this supplement is presented to update information given in the regular catalog. For complete information concerning the program and requirements, please see the 1974-1975 Catalog.



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College Calendar

1975 1976

St. Andrews follows an academic calendar and program popularly known as the 4-1-4 program. This calendar divides the academic year into three-terms — two four-month terms separated by a one-month term. Classes meet more frequently and students take fewer courses — four courses in the fall and spring terms and one course in the winter term. The fall term begins early in September and ends with the Christmas vacation, the winter term extends throughout January, and the spring term begins in February and ends in late May or early June.

The winter term stresses independent study, seminar work, and off-campus activities. Both students and faculty concentrate their interests and attention upon one subject in this term and have an opportunity for many educational activities not possible in the more conventional academic program. There is a wide range of cooperation with other colleges having the 4-1-4 program.

Calendar for 1975-1976

FALL TERM

Aug. 31—Sept. 2	Sunday — Tuesday	New Student Orientation
September 3	Wednesday	Fall Term Registration
September 4	Thursday (8:30 a.m.)	Classes begin
September 11	Thursday (5:00 p.m.)	Last day to add a course for Fall Term
September 18	Thursday (5:00 p.m.)	Last day to drop a course without a grade
October 2	Thursday	Registration for off-campus Winter Term courses
October 2	Thursday (5:00 p.m.)	Spring Term and Summer Term grades of "I" and "E" become "F" if not removed
October 10	Friday (5:20 p.m.)	Fall recess begins
October 15	Wednesday (8:30 a.m.)	Fall recess ends
October 23	Thursday	Advanced registration for Winter Term courses
October 24	Friday (5:00 p.m.)	Mid-Term grades due
November 12	Wednesday (5:00 p.m.)	Last day to drop a course with a "WP" or "WF"
November 13	Thursday	Advanced registration for Spring Term (NO CLASSES)

November	25	Tuesday	(5:20 p.m.)	Thanksgiving recess begins
December	1	Monday	(8:30 a.m.)	Thanksgiving recess ends
December	11	Thursday	(5:20 p.m.)	Last class day of Fall Term
December	12, 13, 15, 16, 17	Friday, Saturday, Monday, Tuesday, Wednesday		Fall Term final examinations
December	17	Wednesday	(5:00 p.m.)	Fall Term ends
December	18	Thursday	(12:00 m.)	Residence Halls close
December	18	Thursday	(12:00 m.)	Fall Term grades due

WINTER TERM

January	5	Monday	(8:30 a.m.)	Winter Term begins
January	6	Tuesday	(5:30 p.m.)	Last day to add a course for Winter Term
January	30	Friday	(5:00 p.m.)	Winter Term ends
February	2	Monday	(5:00 p.m.)	Fall Term grades of "I" and "E" become "F" if not removed
February	2	Monday	(5:00 p.m.)	Winter Term grades due

SPRING TERM

February	3	Tuesday		Orientation of new students
February	3	Tuesday		Spring Term registration
February	4	Wednesday	(8:30 a.m.)	Classes begin
February	11	Wednesday	(5:00 p.m.)	Last day to add a course or to drop a course without a grade for Spring Term
March	1	Monday	(5:00 p.m.)	Winter Term grades of "I" and "E" become "F" if not removed
March	23	Tuesday	(5:00 p.m.)	Mid-Term grades due
March	26	Friday	(5:20 p.m.)	Spring recess begins
April	5	Monday	(8:30 a.m.)	Spring recess ends
April	13	Tuesday	(5:00 p.m.)	Last day to drop a course with a "WP" or "WF"
April	21	Wednesday		Advanced registration for Fall Term, 1976 (NO CLASSES)
May	12	Wednesday	(5:20 p.m.)	Last class day of Spring Term
May	13, 14, 15, 17, 18	Thursday, Friday, Saturday, Monday, Tuesday		Spring Term final examinations

May	18	Tuesday	(5:20 p.m.)	Spring Term ends
May	19	Wednesday	(12:00 m.)	Senior grades due
May	20	Thursday	(12:00 m.)	All Spring grades due
May	22	Saturday		Commencement
May	22	Saturday	(5:00 p.m.)	Residence halls close

SUMMER TERM

June	7	Monday	(8:00 a.m.)	First Summer session begins
July	9	Friday	(5:00 p.m.)	First Summer session ends
July	12	Monday	(8:00 a.m.)	Second Summer session begins
August	13	Friday	(5:00 p.m.)	Second Summer session ends

Tentative Calendar for 1976-1977

FALL TERM

Aug. 29—Aug 31	Sunday —	Tuesday		New Student Orientation
September	1	Wednesday		Fall Term Registration
September	2	Thursday	(8:30 a.m.)	Classes begin
September	9	Thursday	(5:00 p.m.)	Last day to add a course for Fall Term
September	16	Thursday	(5:00 p.m.)	Last day to drop a course without a grade
September	30	Thursday	(5:00 p.m.)	Spring Term and Summer Term grades of "I" and "E" become "F" if not removed
October	5	Tuesday		Registration for off-campus Winter Term courses
October	8	Friday	(5:20 p.m.)	Fall recess begins
October	13	Wednesday	(8:30 a.m.)	Fall recess ends
October	21	Thursday		Advanced registration for Winter Term courses
October	22	Friday	(5:00 p.m.)	Mid-Term grades due
November	10	Wednesday	(5:00 p.m.)	Last day to drop a course with a "WP" or "WF"
November	11	Thursday		Advanced registration for Spring Term (NO CLASSES)
November	23	Tuesday	(5:20 p.m.)	Thanksgiving recess begins
November	29	Monday	(8:30 a.m.)	Thanksgiving recess ends
December	9	Thursday	(5:20 p.m.)	Last class day of Fall Term
December	10, 11, 13, 14, 15	Friday, Saturday, Monday Tuesday, Wednesday		Fall Term final examinations

December	15	Wednesday	(5:00 p.m.)	Fall Term ends
December	16	Thursday	(12:00 m.)	Residence Halls close
December	16	Thursday	(12:00 m.)	Fall Term grades due

WINTER TERM

January	3	Monday	(8:30 a.m.)	Winter Term begins
January	4	Tuesday	(5:00 p.m.)	Last day to add a course for Winter Term
January	28	Friday	(5:00 p.m.)	Winter Term ends
January	31	Monday	(5:00 p.m.)	Fall Term grades of "I" and "E" become "F" if not removed
January	31	Monday	(5:00 p.m.)	Winter Term grades due

SPRING TERM

February	1	Tuesday		Orientation of new students
February	1	Tuesday		Spring Term Registration
February	2	Wednesday	(8:30 a.m.)	Classes begin
February	9	Wednesday	(5:00 p.m.)	Last day to add a course or to drop a course without a grade for Spring Term
February	28	Monday	(5:00 p.m.)	Winter Term grades of "I" and "E" become "F" if not removed
March	22	Tuesday	(5:00 p.m.)	Mid-Term grades due
March	25	Friday	(5:20 p.m.)	Spring recess begins
April	4	Monday	(8:30 a.m.)	Spring recess ends
April	12	Tuesday	(5:00 p.m.)	Last day to drop a course with a "WP" or "WF"
April	20	Wednesday		Advanced registration for Fall Term, 1977 (NO CLASSES)
May	11	Wednesday	(5:20 p.m.)	Last class day of Spring Term
May	12, 13, 14, 16, 17	Thursday, Friday, Saturday, Monday, Tuesday		Spring Term final examinations
May	17	Tuesday	(5:20 p.m.)	Spring Term ends
May	18	Wednesday	(12:00 m.)	Senior grades due
May	19	Thursday	(12:00 m.)	All Spring grades due
May	21	Saturday		Commencement
May	21	Saturday	(5:00 p.m.)	Residence halls close

SUMMER TERM

June	6	Monday	(8:00 a.m.)	First Summer session begins
July	8	Friday	(5:00 p.m.)	First Summer session ends
July	11	Monday	(8:00 a.m.)	Second Summer session begins
August	12	Friday	(5:00 p.m.)	Second Summer session ends

The Curriculum and Program

St. Andrews Presbyterian College is a four-year, co-educational, liberal arts college. It was established in 1958 by the Presbyterian Synod of North Carolina as an affirmation of the continuing relevance in higher education of the Christian concern for truth, justice and personal worth. Founded as a response to contemporary problems in society and higher education, the college is committed to the formulation of innovative and contemporary programs which seek to meet the needs of students living in a constantly changing world. Firmly rooted in the liberating challenge of a liberal arts curriculum, the programs are designed to encourage the development in the individual of skills and sensitivities applicable to the world beyond the classroom.

The St. Andrews curriculum is based on the assumption that education is more than an identifiable body of knowledge defined in terms of rigid disciplines of study. Its core is the St. Andrews Studies program which begins with Freshmen Tutorials and ends in the Senior year with an Interdisciplinary Seminar. Even the sciences in the required Freshmen courses are treated not as disciplines but as interrelated studies whose methodologies provide analytical tools for understanding man, his environment and their relationship. While a college catalog should be a listing of the courses of study offered by the college, the curriculum will not permit a complete and precise listing. In addition to the courses which appear in the catalog, many students will be engaged in programs of Guided Independent Study and several faculty will offer, in response to student requests, courses of Special Study.

At the present time, St. Andrews has a limited offering of internships in government and social agencies as an integral part of the credit offerings of certain majors. Planning is now in process to broaden and expand this program to provide more students with opportunities which enrich their learning experience through a confrontation with practical applications of knowledge.

Thematic concentration majors, represented in this catalog by the Environmental Studies Major, are being studied for incorporation in the curriculum. This will provide for the development of interdisciplinary majors constructed on themes rather than disciplines.

The aim of the curriculum and program of St. Andrews Presbyterian College is to remain flexible and responsive to change but in the context of a basic liberal arts structure and philosophy.

Special attention is called to a new academic regulation adopted by the Faculty in the spring of 1975: A total of twelve courses (excluding core courses) at the 300-400 level are required for graduation. This number (12) will include courses in the student's major area as well as electives.

For further information and details on academic requirements and student life, see regular catalog for 1974-1975.

Courses of Study

The following pages list the approved academic course offerings at St. Andrews for the 1975-1976 academic year. **Full descriptions of courses can be found in the regular catalog for 1974-1975. Only new courses or those considerably revised carry full descriptions in this supplement.** Courses are listed under the three academic divisions of the College. The divisions and the programs of study under them are:

Division of Social and Behavioral Sciences

Anthropology and Sociology	History
Business and Economics	Politics
Education	Psychology

Division of the Humanities and the Fine Arts

Art-Theatre	Music
English	Philosophy
Foreign Language	Religion

Division of the Mathematical, Natural, and Health Sciences

Biology	Health and Physical
Chemistry	Education
Physics	Mathematics

While every effort is made to schedule a well-balanced list of courses each year, certain advanced courses are offered only in alternate years.

Certain programs are described separately at the beginning of this section of the catalog. These are St. Andrews Studies, Selected Topics in Modern Science, the Winter Term, and the Environmental Studies Program.

In general, courses numbered between 100 and 299 are designed for freshmen and sophomores, and those numbered between 300 and 499 for juniors and seniors. Odd numbers are used for courses ordinarily offered in the fall term and even numbers for those ordinarily offered in the spring term. A year-long course is indicated by joining the course numbers for the two terms with a hyphen, e.g. 101-102. Courses of-

ferred in alternate years are described as offered in even- or odd-numbered academic years. “Even” or “odd” refers only to the calendar year in which the academic year begins. The abbreviation “hpw” following a course title refers to the number of hours per week the course meets during a 14-week term.

The requirements for majors are outlined immediately preceding the list of courses offered in a given program.

St. Andrews Studies

Director: Ronald C. Crossley

St. Andrews Studies is a three-year, general education program in the fine arts, the humanities, and the social and behavioral sciences required of freshmen, sophomores, and seniors. The program moves from the development of skills of critical inquiry and a progressive consideration of disciplinary methods converging in an interdisciplinary understanding of the contemporary world. All three levels engage the student in serious consideration of moral values. Each course offers a variety of options in format and content. These options will vary from year to year. Common learning experiences in small and large groups — festivals, concerts, films, lectures, workshops, etc. — complement the courses.

101,102 Freshman Tutorials 2-4 hpw

The course develops basic skills of critical inquiry in the context of learning groups of eight to 12 students and encourages a high level of intellectual and imaginative activity. Tutorial topics change from year to year, but the following are typical of the fall term: Intercultural Themes in Contemporary Novels, Arts and Artifacts: Images and Ideas, A Pot-pourri of Contemporary Issues and Alternatives, Weaving, and Human Language and Human Perception. In the spring term all tutorial groups explore the theme of personal decision-making.

201,202 Sophomore Disciplinary Studies

The course introduces the methodologies of the arts, the humanities, and the social and behavioral sciences and fosters an appreciation of the distinctiveness, value, and limitations of the disciplines. The format includes individual and small-group study of representative scholarship in the disciplines, library research, and, if appropriate, field work. In a sequence of four six-week modules, students must

select at least one module in the arts and humanities, one in the social and behavioral sciences, and one in the cultures of Africa, Asia, or Latin America. The modules vary from year to year, but the following are typical: Literary Criticism, The Quest for the Historical Jesus, Introduction to Political Analysis, Beliefs and Behavior of the Founding Fathers, Ethnography in a Complex Society, and Renaissance Sources of Humanism.

The junior year is designated as the time for intensive work in the major, and therefore, does not contain a St. Andrews component.

401-402 Senior Interdisciplinary Seminars

The course explores issues and topics requiring resources and information from several academic areas reflecting the students' majors. The emphasis is on the development of skills of interdisciplinary communication as well as refining the skills acquired in the first two years of the program. Seminars in the fall term deal with social issues in contemporary international society; seminars in the spring term consider the meaning of selfhood and community in the contemporary world. Students select the seminar topics.

Selected Topics in Modern Science (Natural Science)

Chairman: A. Leon Applegate

These two courses in natural science, which must be taken in the freshman year, constitute the science requirement for all students.

101-102 Selected Topics in Modern Science 7 hpw

Four major areas from the physical and biological sciences are developed in depth using an interdisciplinary approach. Examples of projects which have been treated are evolution, nuclear energy, human ecology, thermodynamics, and viruses. Basic materials in such areas are introduced and applied to societal concerns. Laboratory sessions include introductory computer programming and a variety of inquiry-oriented projects.

Winter Term

Coordinator: Carl W. Geffert

The four-week winter term in January provides a time for ex-

perimentation, innovation, and variety in the learning experience and presents subject matter and areas of study not offered in the same form in the fall and spring terms. The winter term offers the stimulus to both students and faculty of a varied course content and format of study as well as opportunities to explore new interests, to combine theory and experience, and to pursue work that lends itself to intensive application.

Winter term courses are required for graduation and are as important as regular term courses. A winter term course occupies a student's full academic time for the month. This means that students are expected to spend as much time on the one course during this short term as they are expected to spend on four courses during a given month in the fall or spring terms.

More than 40 courses are approved for the winter term each year and provide opportunities to study aspects of a discipline on campus, elsewhere in this country, or in Europe, Asia, Africa, or Latin America.

Students in the past several years have studied the theatre in London and Paris, archaeology and pre-Columbian Indian cultures in Mexico, marine biology in Puerto Rico and Florida, folk music in Scotland, the secular city in New York City. They have also had internships in social work and special education through local and regional agencies.

Other students have studied the stock market and investments, African fiction, human genetics, the future, psychopharmacology, Christianity and anti-Semitism, statistical inference, transformational grammar, and contemporary British fiction. Students may also propose an independent study project for this term.

A student must take one winter term course for each year in attendance at St. Andrews. Students graduating at mid-year or beginning in the spring term are not required to take a winter term course. A student may choose no more than two winter term courses within his major area.

St. Andrews welcomes to its winter term students in good standing at other accredited colleges and universities. Although it has no formal exchange agreements with other institutions, St. Andrews is willing to waive tuition for students from institutions which agree to do the same for St. Andrews students. Students interested in attending the St. Andrews winter term should obtain application and registration forms from the Coordinator of the Winter Term.

Environmental Studies Program

Coordinator: G. Tyler Miller

Participating Faculty: Associate Professors Doubles, Marks, and Paxton; Assistant Professors Applegate, Bushoven, and Fouke

The Environmental Studies Program is a multidisciplinary major program including studies from the natural sciences, the social and behavioral sciences, and the humanities. It is designed to permit students to recognize the contributions of all these areas in defining environmental problems and their resolutions. The program is built around (1) a concentrated study in an existing major, (2) a concentrated study in environmental studies, (3) a two-term research project, and (4) an internship. Each student will work out an individualized major plan in consultation with the Coordinator of Environmental Studies and the participating faculty.

Requirements for a Major in Environmental Studies

The requirements for the major are:

- (1) Existing Major Concentration: A concentration of at least six courses in an existing major, with at least half at the 300-400 level, is required. Each student's proposal for a major concentration must be approved by the Coordinator of Environmental Studies.
- (2) Environmental Studies Concentration: The following Environmental Studies Courses are required: Environmental Studies 202, 302, 401, and 402 and two additional courses from among the following:
 - (a) At the 200 level: Politics 280 (Politics and Environment), Religion 206 (The Old Testament World), Chemistry 205 (Environmental Chemistry), Anthropology 290 (History of Conservation).
 - (b) At the 300 level: Biology 307 (Environmental Biology), Economics 307 (Environmental Economics), Biology W 30 (Marine Biology), Environmental Studies 390 (Special Studies: Land Use and Planning).
 - (c) At the 400 level: Anthropology 407 (Ecological Anthropology) and Business Administration 404 (General Systems Approach to Problem Solving).
- (3) Two-Term Research Project (Environmental Studies 302 and 401): A research project extending over two terms is required. This project will normally begin in the second term of the junior year.
- (4) Internship: A one-term internship as approved by the committee is a normal requisite part of the major. Students are encouraged to

take their internship during the summer but it may be taken during the fall, spring, or winter terms. For students taking this major and also planning to be certified as public school teachers, this emphasis can be incorporated into the student teaching internship.

Courses in Environmental Studies

- 202 Introduction to Environmental Studies**
- 302, 401 Research Project**
- 402 Senior Seminar in Environmental Studies**

Division of the Social and Behavioral Sciences

Chairman: George E. Melton

Programs

Anthropology	History
Business Administration	Politics
Economics	Psychology
Education	

Majors

Anthropology-Sociology	History (American Studies,
Business Administration	European Studies,
Business-Chemistry	Folklore and Folklife
Economics	Studies, and General
Elementary Education	Historical Studies)
	Politics
	Psychology

North Carolina teacher certification is available with majors in history, politics, and economics. Certification in social studies is available by taking a history major and Politics 201, Sociology 201, 205, and Economics 207, 208. Education courses that must be combined with the academic major in these programs are listed in the section under Education.

Social Science

- 313 Materials and Methods in the Teaching of High School History and Social Studies** **4 hpw**
This course is designed for those students seeking North Carolina teacher certification at the secondary level. Con-

sideration for the content, method and technique needed in the teaching of high school history and social studies is undertaken. Credit for this course does not apply toward a major in the division. Usually offered as a part of the internship terms in Education. (See Education 313.)

Anthropology and Sociology

Associate Professors Joyner, McLean (Chairman), Marks.

Major in Anthropology-Sociology

Requirements for a major consist of 10 courses in anthropology and sociology, including Sociology 201, 321, and 421; Anthropology 204, 205, and 306 with four electives in anthropology. Competence in one foreign language, or an accepted designated substitute, is also required. The pattern of all elective courses will be determined in consultation with the faculty adviser. These are approved for teacher certification at the secondary level.

Courses in Anthropology and Sociology

201	General Sociology	3 hpw
204	General Anthropology	3 hpw
205	Archaeology	3 hpw
207	Folklore and Folklife in American History	3 hpw
306	Comparative Ethnology	4 hpw
309	Contemporary Social Problems	4 hpw
311	Marriage and Family Life	4 hpw
320	Social Psychology	4 hpw
321	Research Methods in Sociology and Anthropology	4 hpw
	<i>Prerequisites: Soc. 201, Anthr. 204, Math 205.</i>	
333	Folklore and Oral History	4 hpw
334	Folk and Ethnic Music of the World's Peoples	4 hpw
	An introduction to Ethnomusicology with emphasis on African, native American, Eastern European, and Asian music. Attention is given to cross-cultural quantitative analysis of traditional singing styles in their social and cultural contexts, as well as folk instrumentation and acculturation theory. The ability to read music is not required.	

335	African and Afro-American Folklore	4 hpw
	A comparative approach to folklore communication among Africans and Afro-Americans, studied in social and cultural context. Considerable attention is given to folklore theory.	
401	Culture and Personality	3 hpw
403	American Social Structure	3 hpw
407	Ecological Anthropology	4 hpw
421	Anthropological and Sociological Theories	4 hpw
190, 290	Special Studies in Sociology and Anthropology	
390, 490		
199, 299	Guided Independent Study in Sociology and Anthropology	
399, 499		

Business Administration

Associate Professor Holmes

Major in Business Administration

Requirements for a major in business administration: Eleven courses in business administration and economics, including Business Administration 209, 210, and 422; Economics 207, 208, and 303; and one winter term course. Mathematics 113 and 205 are also required for the major.

Major in Business-Chemistry

Requirements for a major in business administration, economics, and chemistry: Four courses in business administration, four courses in economics, four courses in chemistry, including Business Administration 209 and 210, Economics 302 and 303. Chemistry 201, 202, and 303, and a winter term course in one of the three areas. Mathematics 121 and 205 are also required. Electives will be chosen with the advice of major professors.

Courses in Business Administration

100	Introduction to Business (formerly BSAD 200)	3 hpw
209	Financial Accounting	3 hpw
210	Managerial Accounting	3 hpw
212	Application of Computers	3 hpw
304	Financial Management	4 hpw
312	Marketing	4 hpw
314	Consumer Problems	4 hpw
315	Business Law	4 hpw
317	Organizational Management	4 hpw
318	Government and Business	4 hpw
320	Industrial Relations	4 hpw
402	Principles of Taxation	4 hpw
404	General Systems Approach to Problem Solving	4 hpw
408	Development and Management of Human Resources	4 hpw
419	Quantitative Analysis	4 hpw
422	Seminar in Business Administration	4 hpw
190, 290 390, 490	Special Studies in Business Administration	
199, 299 399, 499	Guided Independent Study in Business Administration	

Economics

Associate Professor Paxton

Major in Economics

Requirements for a major in economics: Eleven courses in economics including Economics 207, 208, 303, 304, and 422; one winter term course; and at least two courses in business administration which must include Business Administration 209 and 304. Mathematics 113 and 205 are also required.

Courses in Economics

207	Principles of Economics I	3 hpw
208	Principles of Economics II	3 hpw
302	Economic Philosophy: The Development of Economic Thought	4 hpw
303	Intermediate Price Theory	4 hpw
304	Intermediate Income and Employment Theory	4 hpw
306	Monetary Theory, Policy and Institutions	4 hpw
307	Environmental Economics	4 hpw
308	International Trade and Institutions	4 hpw
309	Urban Economics	4 hpw
315	Economics of Growth and Development	4 hpw
404	General Systems Approach to Problem Solving	4 hpw
406	The Economics of Socialism	4 hpw
408	Public Finance	4 hpw
419	Mathematical Economics and Econometric Techniques	4 hpw
422	Seminar in Economics	4 hpw
190, 290 390, 490	Special Studies in Economics	
199, 299 399, 499	Guided Independent Study in Economics	

Education

Professors Daughtrey (Chairman), Decker, Assistant Professors E. Smith, Urie.

Teacher Education

The teacher education programs described here and at other appropriate places in this catalog are approved by the North Carolina Board of Education and meet the requirements of the North Carolina Department of Public Instruction. These programs likewise meet the undergraduate requirements for most states for initial teacher certification.

A major in elementary education is available as are seven secondary level programs and several special major programs. Secondary level programs presently include English, French, Spanish, Social Studies (History, Politics, Economics, Sociology-Anthropology), Mathematics, Biology, and Chemistry. Special major programs are also available in Music, Theatre Arts, and Physical Education (K-12). Special experiences and courses are available for working with exceptional pupils (gifted and talented, physically handicapped, retarded, deaf, and emotionally disturbed).

The program for a major in elementary education is outlined below. The secondary level and special programs are described in the appropriate academic divisions of the College.

The professional education course sequence includes a teaching internship. Details on this program are in a separate guide. All students are expected to follow the requirements for the program which include:

- (1) Education 202 and 315 and Psychology 303 or Education 308, at least two of which are to be completed prior to the internship.
- (2) Internship which includes Materials and Methods, Education 420-421, and Education 401.

St. Andrews has adopted the Competency Based Equivalency (CBE) principle for exemption to specified courses in the professional Teacher Education sequence. The CBE option is intended for use by the person who already has, or wishes to acquire, qualifications expected for the subject area involved. This is different from the G.I.S. or Tutorial in that the faculty member is not expected to provide assistance, and no College credit is granted. The person earns a course exemption and then substitutes another course credit toward graduation requirements.

Major in Elementary Education

The major program in elementary education includes two emphases:

I. **Early Childhood Education (K-3)**

Major Core Sequence:

Anthropology 204 - General

Anthropology 205 - Archaeology or Environmental Studies 202

Education 320 - Reading and Other Language Arts

History 201, 202 or Politics 201 (any 2)

Mathematics 207 - Real Number System

Physical Education W41 - Teaching Health and P.E. in the Elementary Schools

Adjunct Sequence:

Art 321 - Art in the Elementary School

Education 319 - Literature for Children and Youth

English 303 - Aspects of the English Language

or Language 151 — Introduction to the Structure and Analysis of Language

Mathematics 208 - Structures of Algebra and Geometry

Music 353 - Music in the Elementary School

Speech or Acting (one course)

II. **Intermediate Grades Education (4-9)**

Major Core Sequence:

Same as K-3, plus Art 321 or Music 353

Concentration Options - select **one** of the following areas; a further minor concentration **may** be elected in any of the remaining areas:

1. **Language Arts** - six courses

Education 319 - Literature for Children and Youth

English 303 or Language 151

Two electives from 300/400 level English offerings

Two electives from Literature 201, 202, 204, 251, 252 **or**
two electives from Theatre 103, 202, 311, 312

2. **Social Studies** - six courses

Complete History 201/202,

Politics 201 sequence not taken in Core Sequence

Two electives in 300/400 level History

Two electives in 300/400 level Politics

Economics 207 or 208

3. **Mathematics** - six courses

Math 208 - Structures of Algebra and Geometry

Math 115, 121, 221, 330 and one elective Math or Computer Science

4. **Natural Sciences** - five courses

Biology 201; 207 or 307

Chemistry 201; 202 or 301

Environmental Studies elective or Physics 201

5. Other **minor** concentration electives may be arranged in Art, Music, or Physical Education

Courses in Education

202	The American School: Foundation and Issues	3 hpw
209	Early Childhood Education	3 hpw
308	Early Childhood Development	4 hpw
311	Psychological Measurement and Appraisal	4 hpw
313	Secondary Level Materials and Methods	3 hpw
314	Introduction to Counseling	4 hpw
315	Educational Psychology	4 hpw
319	Literature for Children and Youth	4 hpw
320	Reading and Other Language arts	4 hpw
322	Methods and Materials; K-3	4 hpw
324	Methods and Materials: 4-9	4 hpw
350	Practicum in Exceptional and Special Education	4 hpw
401	School and Community: Personnel, Programs and Resources	4 hpw
	This course is designed to introduce the intern to a variety of school and community aspects which support a teaching program. Generally offered as a part of the full internship term, assignments will include investigation and study of the total school system decision-making process, and school and community personnel and resources.	
420-421	Student Internship	
190, 290 390, 490	Special Studies in Education	
199, 299 399, 499	Guided Independent Study in Education	

1974-75 Course Omitted from the 1975-76 Curriculum

400	Curriculum Organization, Development and Evaluation	4 hpw
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History

Professors Arnold, Harvin; Associate Professors Fulcher, Joyner (Chairman), Melton; Assistant Professor Schulz

Major in History

A student may satisfy the requirements for a major in history by satisfactorily completing all the requirements for 12 courses in any one of the following options:

A. American Studies

History 201, 202, 207

Politics 201

History 422 (Senior Seminar)

Four additional courses at the 300-400 level, including one to be taken in winter term.*

Three additional courses at the 300-400 level in American culture or society approved by the history program chairman and the student's faculty adviser.

B. European Studies

History 101, 102

Two courses at the 300-400 level taught in a modern European language other than English

History 422 (Senior Seminar)

Four additional courses at the 300-400 level in some aspect of European culture or society approved by the history program chairman and the student's faculty adviser.

C. Folklore and Folklife Studies

History 201, 202, 207

Anthropology 204

Anthropology 306, 401

History 333

History 499 (Senior Independent Study in Folklore and Folklife)

Four additional history courses at the 300-400 level, including one to be taken in winter term.*

D. General Historical Studies

History 101, 102

History 201, 202, 204

History 422 (Senior Seminar)

Six additional history courses at the 300-400 level, including one to be taken in winter term.*

* A second advanced winter term course in an appropriate area may be substituted for a fall or spring course upon the written approval of

the history program chairman and the student's faculty adviser.

Courses in History

Courses will not carry prerequisites except that those courses numbered at the 300 and 400 levels are restricted to juniors and seniors or by consent of the instructor.

101, 102	Western Civilization: Classical to Contemporary	3 hpw
201, 202	American Civilization	3 hpw
204	Modern Asia	3 hpw
207	Folklore and Folklife in American History	3 hpw
311	Early American Culture	4 hpw
331	The New South	4 hpw
332	Studies in Afro-American History	4 hpw
333	Folklore and Oral History	4 hpw
341	Diplomatic History of the United States	4 hpw
348	Renaissance and Reformation	4 hpw
349	The Enlightenment	4 hpw
351	Europe in the Nineteenth Century	4 hpw
353	The Age of the French Revolution	4 hpw
371	Soviet Russia	4 hpw
403	The Age of the Two World Wars	4 hpw
404	Twentieth Century America	4 hpw
422	Senior Seminar in History	4 hpw
190, 290 390, 490	Special Studies in History	
199, 299 399, 499	Guided Independent Study in History	

Politics

Assistant Professors Bushoven (Chairman), Fouke, Schulz

Major in Politics

The Politics Program has no set program to which all majors

must adhere. Instead the Politics Program operates a "contract" system of majoring under which students can initiate programs tailored to their own academic needs and goals. The major requirements in politics therefore consist of a contract which includes all other degree requirements and which is mutually acceptable to the student and to the faculty in politics. The acceptance of a student as a major in politics includes the acceptance of his or her contract. The contract will become part of the student's permanent record and any changes in the contract must be approved by the student and the faculty in politics.

The contract in Politics normally establishes a program of study which requires the completion of 10 to 14 related courses. When appropriate to his/her goals, a major will be encouraged to develop skills in mathematics and language. Students majoring in politics have initiated contracts in such areas as Pre-Law, International Studies, Practical Politics, and Political Psychology. They have combined their interests with other disciplines such as History, Education, Economics, Philosophy, Anthropology and Psychology. For further information about contract, contact any of the faculty in politics.

The politics program offers internships in government as Guided Independent Studies. Students have been placed as interns with the Laurinburg city manager, the Scotland County manager, and a state legislator. Work has included the preparation of bills, testimony before committees, study of the possibilities of waste recycling in the county, and the consolidation of various planning reports into one overall plan for the city. By invitation of the Politics Program.

Courses in Politics

201	Introduction to American Politics	3 hpw
211	Introduction to International Politics	3 hpw
231	Introduction to Law	3 hpw
252	Introduction to Comparative Government	3 hpw
275	Politics and Personality	3 hpw
280	Politics and Environment	3 hpw
303	Urban Politics	4 hpw
304	Rural Politics	4 hpw

312	Legal Reasoning	4 hpw
321	Western Political Thought	4 hpw
323	Marxian Political Analysis	4 hpw
339	War and Peace	4 hpw
342	Foreign Policy Process	4 hpw
365	Problems of Political Development: Asia or Africa	4 hpw
361	Internships The assignment to a public or quasi-public official for an on-the-job experience with political institutions. Interns have served with the city manager, the county manager, the county attorney, a state representative, the State Commission of Women, and other institutions and organizations. Selection by the Politics staff.	
380	Advanced Studies in American Politics	4 hpw
422	Senior Seminar	
190, 290 390, 490	Special Studies in Politics	
199, 299 399, 499	Guided Independent Study in Politics	
1974-75 Courses Omitted from the 1975-76 Curriculum		
322	Research Methods in Contemporary Political Science	
401	Political Behavior	

Psychology

Professors Decker, A. Smith (Chairman); Associate Professor Thomas; Assistant Professor Endicott.

Major in Psychology

Requirements for a major: Ten courses in psychology which must include Psychology 200, 201, 202, 303, 320, 401, and 411 and Mathematics 205 or 113. In addition competence in one foreign language is expected. (The language requirement may be substituted in the Psychology Program by selecting four courses in mathematics.)

Courses in Psychology

100	Human Behavior: An Introduction (Formerly Psychology 200)	3 hpw
201	Introduction to Psychology	4 hpw
202	General Experimental Psychology	5 hpw
303	Developmental Psychology	4 hpw
304	Behavior Pathology	4 hpw
307	Physiological Psychology	5 hpw
311	Psychological Measurement and Appraisal	4 hpw
314	Introduction to Counseling	4 hpw
320	Social Psychology	4 hpw
321	Experimental Psychology 1 - Perception	5 hpw
401	Theories of Personality	4 hpw
405	Experimental Psychology II - Learning	5 hpw
406	Experimental Psychology III - Motivation	5 hpw
411	Seminar in Psychology	4 hpw
190, 290 390, 490	Special Studies in Psychology	
199, 299 399, 499	Guided Independent Study in Psychology	

Junior and Senior Honors Courses

Junior Honors in Psychology

Winter Term

Senior Honors in Psychology

Winter Term

Division of the Humanities and the Fine Arts

Chairman: Carl D. Bennett

Programs

Art

English

Foreign Languages

Literature

Music

Philosophy

Religion

Theatre

Majors

English

Fine Arts (Art or Theatre)

French

Literature

Modern Languages

Music

Philosophy

Religion

Religion and Philosophy

Art

Assistant Professor M. Smith; Instructor Tauber

Major in Fine Arts with an Emphasis in Art

The curriculum requirements for the student wishing a major emphasis in art will be contracted on an individual basis with an adviser from the art faculty. A student may select from several suggested contracts or incorporate variations into the contract on consultation with the adviser. Career goals and other educational pursuits may be considered in a total program of technical creative, and aesthetic development. Artistic interests related to other fields like literature, theatre, business, or biology, may be worked into the contract also.

The only overall stipulation, to insure the integrity of the contract, is that twelve courses be named, individually or in groups (e.g. "so many" studio courses), in the contract. A minimum of six of these must be upper-level courses of which at least four (including 410, Senior Seminar in Art) should be from the Art Program. The contract is then placed in the student's permanent record file where it remains unless revised by mutual student/art faculty agreement.

Courses in Art

- 111 Introduction to the Visual Arts**
- 112 Basic Design**
- 113 Elements of Three-Dimension Expression**
- 114 Drawing and Composition**
- 211 Painting I**
- 213 Intermediate Sculpture**
- 214 Figure Drawing**

- 216 Graphics I**
An introduction to printmaking emphasizing relief and intaglio methods (woodcut, collagraph, drypoint, etching, engraving) in both color and black and white. Effort will be given to stimulating and developing various modes of graphic expression.
- 260 Studies in Art History**
A survey of the broad variety of expression in the visual arts from prehistoric times, through Western and non-Western, primitive and sophisticated cultures, to the present day. Special attention will be given to the varieties of art historical analysis, including such writers as Gombrich, Panofsky, Wofflin, Friedlander, Shapiro, and Kris.
- 311 Painting II**
- 313 Advanced Sculpture**
- 314 Advanced Drawing**
- 315 Advanced Design**
- 316 Graphics II**
This course will emphasize the flat-surface, or planographic, methods of creating printed images. Serigraphy, or silk-screen, will be explored as well as means of offset production. Especially relevant here will be practical experience in color theory and composition.
- 321 Art in the Elementary School**
- 360 Seminar in Modern Art**
An investigation of the art of the last two hundred years as a means of understanding contemporary movements. The study of criticism and theory will be integral to the chronological analysis of art works. Some background in art history is highly recommended.
- 380/480 Advanced Studies in Art**
This course will be a coordinated seminar of independent projects dealing with advanced problems in various media areas. Specific objectives and responsibilities will be student formulated at the beginning of the course and pursued within the framework of the elected medium.
Prerequisites: both levels of the medium chosen plus instructor's approval.

- (NOTE: sections of 380/480: A. Painting
B. Graphics
C. Drawing
D. Sculpture
E. Design
F. Art history)

410 Senior Seminar in Art (Formerly Art 490)

199, 299 Guided Independent Study in Art
399, 499

1974-75 Courses Ommitted from the 1975-76 Catalogue

212 Relief and Planographic Printmaking

250 History of Art: Before Industrialization

312 Intaglio Printmaking

350 History of Art: The Modern Era

English

Professors Bennett, White; Associate Professor Bayes, Assistant Professor Jones (Chairman)

Major in English

The English major is intended to provide a concentration in humane learning that is an end in itself. It prepares students for entry into graduate studies in English and also for admission to professional studies in law, social services, and theology. When the necessary sciences are also studied it prepares students for admission to schools of medicine and dentistry. Many governmental and business agencies desire English majors for training for executive and other particular vocations. In the event a student elects the prescribed courses, an English major leads to teacher certification.

English majors are encouraged to choose elective studies from the fine arts, from religion and philosophy, and other humanities areas, and from history and the social sciences. All electives will be chosen in consultation with the major adviser.

English majors will select at least two of the introductory 200-level literature courses, usually in the freshman or sophomore year. No more than two of these courses may be counted for credit on the major, and these will be prerequisite to other courses in the major. Each major will normally take in sequence five "core" courses: English 301, 302,

and 303 in his junior year; and English 401 and 402 in his senior year. In addition to these, each major will elect at least five other English courses of his own choice from the 300-400 level curriculum. One literature course above the 204 level may be counted toward fulfilling the elective requirement.

English majors are required to show competence in one foreign language. English majors considering graduate study should meet their language requirement in either German or French, and should give at least one year of study to the other.

Courses in English

215	Creative Writing	3 hpw
301	Shakespeare	3 hpw
302	Chaucer	3 hpw
303	Aspects of the English Language	3 hpw
308	Victorian Literature	3 hpw
309	Modern Novel	3 hpw
310	Modern British and American Poetry	3 hpw
311	American Renaissance	3 hpw
312	American Fiction of the 20th Century	3 hpw
313	The Art of Teaching English	3 hpw
314	Poetry and Non-Shakespearean Drama of the English Renaissance	3 hpw
316	The English Novel	3 hpw
317	Literature of the Romantic Period	3 hpw
333	Journalism: Editing	3 hpw
	A practical and theoretical study in editing newspapers and magazines, including examination of problems in editing for radio and television. Prerequisite: consent of instructor. Seniors will have preference.	
401	Milton	3 hpw
402	Senior Seminar	3 hpw
415	Advanced Creative Writing	3 hpw

190, 290 Special Studies in English
390, 490

199, 299 Guided Independent Study in English
399, 499

Foreign Languages

Associate Professors Doubles, Geffert (Chairman), Neylans; Assistant Professors Loftus, Valentine

The French, German, and Spanish 111, 112, 213 courses are the equivalent of the usual two-year elementary and intermediate offerings.

Major in Modern Languages

The modern language major consists of at least 213, 322 in each of two modern foreign languages; a course in Linguistics; and at least four additional courses in 300-400 level foreign language literature courses, in 300-400 level language courses, or in a combination of 300-400 level foreign language literature and/or language courses.

Major in French

The French major consists of eight French courses above the 100-level, usually including 213, 331, 341, 342, and at least three other French courses on the 300-400 level; a course in Linguistics; and at least two courses in a second foreign language. With proper courses in education, this program will provide for teacher certification.

Courses in French

111, 112 French Language I, II **5 hpw**

This intensive language course, including an introduction to the theory behind the structure and function of the language will give the student a basic knowledge of the oral, aural, reading and writing aspects of French.

213 French Language III **4 hpw**

This course is intended to complement French 111, 112. Its aim is twofold: to reinforce and deepen the student's understanding of the formal structures of the language, and to

lead him from the artificially contrived constructions of the textbook to those of the "real" language. Prerequisites: French 112 or advanced placement by the French faculty.

322 Advanced Composition and Conversation 4 hpw

Designed for students who have acquired a working knowledge of the language, this course offers practice in advanced composition and conversation with heavy emphasis placed on form as well as on content. Prerequisites: French 213 or permission of the French faculty.

331 French Culture and Civilization 4 hpw

A broad introduction to French history, art and literature from the Middle Ages to the present, with emphasis on contemporary French and its influence in North America, Africa and Asia. Prerequisites: French 213 or permission of the French faculty.

**341 French Literature: Middle Ages
to the 17th Century 4 hpw**

An introduction to French literature from the Middle Ages to the 17th century, presenting the major authors, schools, themes and techniques. Wide reading, oral and written reports. Prerequisites: French 213 or permission of the French faculty.

342 French Literature: 18th Century to the Present 4 hpw

An introduction to French literature from the 18th century to the present, emphasizing the major authors, schools, themes and techniques. Wide reading, oral and written reports. Prerequisites: French 213 or permission of the French faculty.

421 Advanced French Literature (A,B,C,D,E,F) 4 hpw

Presupposing a broad, general knowledge of the evolution of French literature from the Middle Ages to the present, this course is devoted to a systematic study of particular authors, groups, themes or genres having a significant impact on French literature. Readings, although extensive, will be limited in scope. The content of the course will vary, on a

rotating basis, over a three-year period. Prerequisites: French 341, 342; or permission of the French faculty.

190, 290 Special Studies in French
390, 490

199, 299 Guided Independent Study in French
399, 499

1974-75 Courses Omitted from the 1975-76 Curriculum

French 111; 112-113; 221; 222; 311; 312; 411; 412

Courses in Spanish

111, 12 Spanish Language I, II **5 hpw**
This intensive language course, including an introduction to the theory behind the structure and function of the language will give the student a basic knowledge of the oral, aural, reading and writing aspects of Spanish.

213 Spanish Language III **4 hpw**
This course is intended to complement Spanish 111, 112. Its aim is twofold: to reinforce and deepen the student's understanding of the formal structures of the language, and to lead him from the artificially contrived constructions of the textbook to those of the "real" language. Prerequisites: Spanish 112 or advanced placement by the Spanish faculty.

322 Advanced Composition and Conversation **4 hpw**
Designed for students who have acquired a working knowledge of the language, this course offers practice in advanced composition and conversation with heavy emphasis placed on form as well as on content. Prerequisites: Spanish 213 or permission of the Spanish faculty.

331 Spanish Culture and Civilization **4 hpw**
A broad introduction to Spanish history, art and literature from the Middle Ages to the present, with emphasis on contemporary Spanish and its influence in North America and South America. Prerequisites: Spanish 213 or permission of the Spanish faculty.

311 Spanish-American Narrative **4 hpw**

312 Spanish Drama **4 hpw**

313	Spanish Narrative	4 hpw
401	Hispanic Poetry	4 hpw
190, 290 390, 490	Special Studies in Spanish	
199, 299 399, 499	Guided Independent Study in Spanish	

1974-75 Courses Omitted from the 1975-76 Curriculum

Spanish 111; 112-113; 221; 222

Courses in German

111, 112	German Language I, II	5 hpw
	This intensive language course, including an introduction to the theory behind the structure and function of the language will give the student a basic knowledge of the oral, aural, reading and writing aspects of German.	
213	German Language III	4 hpw
	This course is intended to complement German 111, 112. Its aim is twofold: to reinforce and deepen the student's understanding of the formal structures of the language, and to lead him from the artificially contrived constructions of the textbook to those of the "real" language. Prerequisites: German 112 or advanced placement by the German faculty.	
322	Advanced Composition and Conversation	4 hpw
	Designed for students who have acquired a working knowledge of the language, this course offers practice in advanced composition and conversation with heavy emphasis placed on form as well as on content. Prerequisites: German 213 or permission of the German faculty.	
331	German Culture and Civilization	4 hpw
	A broad introduction to German history, art and literature from the Middle Ages to the present, with emphasis on contemporary German and its influence in North America. Prerequisites: German 213 or permission fo the German faculty.	
190, 290 390, 490	Special Studies in German	

199, 299 Guided Independent Study in German
399, 499

1974-75 Courses Omitted from the 1975-76 Curriculum

German 111; 112-113; 221; 222

Courses in Greek

101-102 Elementary Greek 4 hpw

201-202 Intermediate Greek 4 hpw

Course in Hebrew

101-102 Introduction to Comparative Semitics 4 hpw

Courses in Language

**151 Introduction to the Structure and Analysis
of Language 3 hpw**

313 Modern Foreign Languages in the High School 4 hpw
A study of methods, materials, and problems of teaching modern languages in the high school. Does not count as major course in French or Modern Languages. Usually offered only as a part of the Internship term in Education.

Literature

The faculty are from the English and Foreign Language Programs

Major in Literature

The literature major consists of two of the following literature courses: 201, 202, 204; French, German, or Spanish 111, 112, 213; and eight literature courses in English, French, German, or Spanish, or foreign literature in translation, at least seven of which must be at the 300-400 level. If appropriate, a course in literature in translation will carry the corresponding number of the foreign language course. It is assumed that a literature major will be interested in exploring a wide range of these literatures. In recent years literature courses have included special studies ranging from medieval French literature, Cervantes, and classical German drama to contemporary French fiction, Hesse and Mann, and contemporary Latin American literature. Specific programs will be decided upon by the student and his adviser.

Courses in Literature

201	Modern Poetry	3 hpw
202	Modern Prose Fiction	3 hpw
204	Modern Drama	3 hpw
205	Literary Interpretation	3 hpw
251	Black American Literature	3 hpw
252	American Indian Literature	3 hpw
190, 290 390, 490	Special Studies in Literature	
199, 299 399, 499	Guided Independent Study in Literature	

1974-75 Course Omitted from the 1975-76 Curriculum

253	Modern Japanese Novel
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Music

Professors Cobb (Chairman), Horn, and Rogers; Associate Professor Williams; Instructor Evans

Requirement for entrance and graduation conform to the standards of the National Association of Schools of Music, of which the Music Program is an institutional member. Any applicant for admission to St. Andrews planning a major in music for a Bachelor of Arts degree or seeking a Bachelor of Music degree is encouraged to make application to the Chairman of the Music Program to arrange an audition. Such an audition would preferably be scheduled the year preceding entrance to the College. If this is impossible, the student may audition by tape or during the first week of the term upon entering the College.

Major in Music (Bachelor of Arts degree)

The requirements for a Bachelor of Arts degree with a major in music are: the full college core program, Music 101, 102, 205, 206, 305, 306, 407, 408, six terms of study in a major applied area, and a major choral or instrumental ensemble for credit each semester.

Major in Music (Bachelor of Music degree)

The requirements for all Bachelor of Music major programs are: St. Andrews Studies 101-102, 201-202, two to four terms of physical education, Music 101, 102, 205, 206, 305, 306, 404, 407, eight regular terms of a major applied area (seven for Music Education Majors), a major choral or instrumental ensemble for credit each semester of residence, and the following requirements in special areas:

Church Music with Organ Emphasis: Music 351, 353, 355, 408, 453, and 454; two terms of secondary piano and four terms of secondary voice; and Theatre 203.

Church Music with Voice Emphasis: Music 351, 353, 355, 408, 455, and 456; two terms of secondary piano and four terms of secondary organ; Theatre 203; French 111 and German 111.

Music Education: Music 256, 258, 353, and 354, sophomore level piano proficiency for instrumental and vocal emphasis, four terms of secondary voice for piano or organ emphasis, two terms of secondary voice for instrumental emphasis, STMS 101, 102, Psychology 303, Education 202, 315, 401, and 420-421. Must have both choral and instrumental ensemble experience, at least two semesters in each.

Organ: Music 351, 453, 454 and 408, intermediate level of either French or German, two terms of piano.

Piano: Music 451, 452, and 408.

Voice: Music 455, 456, and 408, sophomore level piano proficiency, Theatre 203; French 111 and German 111.

Recitals and Public Performance

Music students are encouraged to give public performances contingent upon the student's musical development. A music major must obtain permission from his applied teacher for all public performances, solo or ensemble.

Each week, a laboratory-recital is held in which all students studying music are given an opportunity to gain experience in public performance. Except for first-term freshmen, music majors are required to perform in at least one of these recitals each term in each applied area studied.

All students who expect to receive a Bachelor of Music degree are required to give a recital in the senior year. Church music, organ,

piano, instrumental and voice majors whose work is of high quality may apply for permission to give a half recital in the junior year at the discretion of the applied teacher. As in the case of any solo performance sponsored by the Division, a student must pass a jury exam given before the entire music faculty at least one month prior to the recital date. Appropriate forms must be completed.

For recital attendance requirements, see 1974-75 catalog, p. 77.

Courses in Music

100	Music Fundamentals, Class Piano and Guitar	4hpw
251	The Enjoyment of Music (Music Appreciation)	4 hpw
253, 254	Voice Class	3 hpw
351	Music in Worship	4 hpw
101, 102	Fundamentals of the Structure of Music	5 hpw
205, 206	Advanced Studies in the Structure and Styles of Music	5 hpw
	This course is a continuation of Music 101-102, emphasizing the study of chromaticism, altered chords, advanced modulation and more complex rhythmic structures in music. During the final term, special attention will be given to the study of post-romantic and 20th-century materials and techniques. Prerequisite: Music 101-102.	
305, 306	Structure and Styles — Historical Survey	5 hpw
	A survey of the history of music, with studies of selected representative composers and works of the significant historical periods in music through extended use of recordings and scores. Prerequisite: Music 205-206 or consent of instructor.	
407	The Analysis of Form in Music	5 hpw
	Concentrated study of form in music from the smallest elements (motives, phrases and period structure) through the large homophonic and contrapuntal forms. Emphasis on	

development of formal structure will be closely related to historical chronology beginning with the Renaissance and moving to contemporary adaptation and creation of new forms.

408	Counterpoint	4 hpw
	Introduction to and development of minimal skills in 16th century contrapuntal practice, followed by concentrated studies in the 18th-century style of baroque counterpoint: analysis, singing and aural development will be correlated with written work.	
256	Woodwind and String Methods	4hpw
258	Brass and Percussion Methods	4 hpw
353	Music in the Elementary School	5 hpw
354	Music in the Secondary School	4 hpw
355	Choral Literature	4 hpw
404	Conducting and Orchestration	5 hpw
	A practical study of choral and instrumental conducting, arranging, and orchestration. Application with choral and instrumental groups.	
451, 452	Piano Literature and Pedagogy	4 hpw
453	Organ Literature and Pedagogy	4hpw
454	Service Playing	4 hpw
455, 456	Voice Pedagogy and Literature	3 hpw

199, 299 Guided Independent Studies in Music
399, 499

Applied Music

- 0 Preparatory (non-credit)
- 1 First year of primary study
- 2 Second year of primary study
- 3 Third year of primary study
- 4 Fourth year of primary study

Numerals 0-4 above, designate achievement level. They are used in combination with two-digit listing below to indicate the achievement level in applied music; e.g., first year piano study is 111, 112; second year piano study is 211, 212.

- | | |
|--------------------------|---|
| __ 11, __ 12 Piano | __ 15, __ 16 Piano-Voice |
| __ 13, __ 14 Piano-Organ | __ 17, __ 18 Piano-Orchestra Instrument |

All students enrolled in 111-118 for credit will meet for piano ensemble each week. All students with piano emphasis will meet piano class weekly.

- | | |
|--------------------------|---|
| __ 21, __ 22 Organ | __ 25, __ 26 Organ-Voice |
| __ 23, __ 24 Organ-Piano | __ 27, __ 28 Organ-Orchestra Instrument |
| __ 31, __ 32 Voice | __ 35, __ 36 Voice-Organ |
| __ 33, __ 34 Voice-Piano | __ 37, __ 38 Voice-Orchestra Instrument |

All students enrolled in 131-138 for credit will meet an additional two hours per week for the study of voice diction: phonetics and their use in pronunciation of Italian, German, and French vocal literature.

- __ 41, __ 42 Orchestra Instrument
- __ 43, __ 44 Orchestra Instrument-Piano
- __ 45, __ 46 Orchestra Instrument-Organ
- __ 47, __ 48 Orchestra Instrument-Voice

Ensembles

051

Choral Ensembles

- | | |
|------------------------------------|--------------|
| St. Andrews College Choir | 4 hpw |
| St. Andrews Chorale | 4 hpw |
| St. Andrews Chamber Singers | 3 hpw |

052 Instrumental Ensembles

054	Opera Workshop	2 hpw
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1974-75 Courses Omitted from the 1975-76 Catalog

201 Structure and Styles of Music in the Medieval Period and Renaissance

202 **Structure and Styles of Music in the Baroque Period**

301 Structure and Styles of Music in the Classic Period and in the 19th Century

302 **Structure and Styles of Music in the 20th Century**

401 Structure and Styles

304 Choral Conducting and Methods

Philosophy

Professor Alexander; Associate Professor Crossley; Assistant Professors Ludlow, Prust (Chairman)

Major in Philosophy

Requirements for the major in philosophy include 12 courses in philosophy. At least eight of these courses must be 300-400 level courses. For a student planning to do graduate work in philosophy the following courses are recommended: Philosophy 210, 301, 302, 303, 304, 312, 401, and 407.

Graduate schools usually require reading competence in French and German. Courses in these languages are therefore strongly recommended for anyone planning graduate studies.

Major in Religion and Philosophy

Requirements for the joint major in religion and philosophy are determined for each applicant by an agreement approved by the divi-

sion. The student, aided by a faculty adviser, will design a major program mutually acceptable to the student and the division. The program should include at least eight courses on the 300-400 level. The student is encouraged to include courses in other departments enhancing his or her program. The joint major in religion and philosophy is recommended for students who do not intend to pursue graduate studies in the disciplines.

Courses in Philosophy

Courses of the 300-400 level are designed for juniors and seniors and are open to others only by special permission.

100	Introduction to Philosophy	3 hpw
210	Introduction to Logic	3 hpw
212	Ethics	3 hpw
213	Aesthetics	3 hpw
214	Philosophy of Religion	3 hpw
215	Philosophy of Science	3 hpw
216	Existentialism	3 hpw
301	The Beginnings of Philosophy	4 hpw
302	Jewish, Christian and Islamic Philosophy	4 hpw
303	Modern Philosophy and the Scientific Revolutions	4 hpw
304	Recent Philosophy and the Social Revolutions	4 hpw
311	Advanced Logic	4 hpw

312	Studies in Buddhism	4 hpw
401	Contemporary Philosophy of Language Analysis	4 hpw
403	Phenomenology	4 hpw
404	American Philosophy	4 hpw
406	Advanced Problems in Philosophy	4 hpw
407	Studies in Hinduism	4 hpw

190, 290 **Special Studies in Philosophy**
390, 490

199, 299 **Guided Independent Study in Philosophy**
399, 499

Religion

Professor Bullock (Chairman); Associate Professors Crossley, Doubles, Hix

Major in Religion

Requirements for the major in religion include 12 courses of which seven are required (three in biblical studies, two in history of religions, and two in theology and ethics) plus five electives. At least six courses must be 300-400 level courses. The following options are available for meeting these requirements in whole or in part:

- (a) A contract major in religion in which the student, aided by a faculty advisor, will design a major program mutually acceptable to the student and the religion faculty.
- (b) A pre-graduate school core program in which the student would complete four reading courses in the field of religion during the four terms of the sophomore and junior years. These courses would be designed by the religion faculty and would prescribe reading lists of increasing depth each term, on which the student would be examined. The religion faculty will be available for conferences with the student concerning

the material being read in any given term. These four reading courses will count as two 200-level and two 300-level courses.

- (c) A senior research program. After completing six courses, prior to the senior year, a student with senior standing may elect to combine two Guided Independent Studies in the fall term and two in the spring term under the direction of one religion professor. The student will be given a comprehensive reading list in the selected area for research. He or she will submit a preliminary paper at the end of the fall term for grading purposes, and will take a comprehensive written and oral examination at the end of the spring term. The student's major will be identified as "Religion Major with Special Emphasis in _____."
- (d) The pre-graduate school core program and senior research program may be combined in a three-year program.

Graduate schools usually require reading competence in French and German. Courses in these languages are therefore strongly recommended for anyone planning graduate studies.

Major in Religion and Philosophy

Requirements for the joint major in religion and philosophy are determined for each applicant by an agreement approved by the division. The student, aided by a faculty adviser, will design a major program mutually acceptable to the student and the division. The program should include at least eight courses on the 300-400 level. The student is encouraged to include courses in other departments enhancing his or her program. The joint major in religion and philosophy is recommended for students who do not intend to pursue graduate studies in the disciplines.

Courses in Religion

Courses of the 300-400 level are designed for juniors and seniors and are open to others only by special permission.

103	Introduction to the Study of Religion	3 hpw
105	Understanding the Bible	3 hpw
205	Literary Interpretation	3 hpw

206	The Old Testament World	3 hpw
208	Religious Traditions of the Middle East	3 hpw
210	Religious Traditions of East Asia	3 hpw
212	Theology of the Reformation	3hpw
213	Christian Ethics and Contemporary Social Problems	3 hpw
301	Luke-Acts	4 hpw
304	The Biblical Prophets	4 hpw
306	Religious Thought of America	4 hpw
312	Studies in Buddhism	4 hpw
401	Modern Christian Thought	4 hpw
403	Paul	4 hpw
405	The Fourth Gospel	4 hpw
407	Studies in Hinduism	4 hpw
190, 290 390, 490	Special Studies in Religion	
199, 299 399, 499	Guided Independent Study in Religion	

Theatre

Associate Professor McDonald (Chairman); Instructor Carson.

Major in Fine Arts with an Emphasis in Theatre

The fine arts major with an emphasis in theatre includes the following major requirements: nine theatre courses (Theatre 103 or 202, 203, 205, 311, 312, 404, 406, and two electives), Music 251, and one course in art.

Requirements for those students seeking teacher certification in theatre arts are: Theatre 103, 202, 203, 205, 311, 312, 313, 404, 406 and one elective; Psychology 303 or Education 308; and Education 202, 315, 400, and 420-421. The student majoring in this program is encouraged to concentrate the electives in a particular area (English, modern foreign language, social studies, etc.) so that he or she might be qualified to teach in a subject area in addition to theatre. The student is encouraged to take Music 251 and courses in art. An evaluation of the student's work with the Highland Players and an indication of the areas in which the student has demonstrated leadership with the St. Andrews theatre group will be attached to the student's teacher education record.

Courses in Theatre

101 Introduction to the Theatre

103 Fundamentals of Speech (Formerly 201)

202 Oral Interpretation

203 Acting I

205 Technical Theatre

311 History of the Actor

A history of the theatre from the Greeks to the moderns with the focus on the actor and the elements (architecture, staging methods, scenery, etc.) that support him as a performing artist.

312	Forms and Styles of Dramatic Literature A study of the various styles (Greek, Elizabethan, Neo-Classic, Romantic, Realistic, etc.) of the major forms of drama (tragedy, comedy and melodrama).	
307	A History of the Motion Picture	
304	Acting II (Formerly 204) Prerequisite: Theatre 203	
313	Teaching Theatre in the Schools	
404	Directing	
406	Scene Design (Formerly 306) Prerequisite: Theatre 205	
408	Filmmaking (Formerly 308)	
190, 290	Special Studies in Theatre (e.g. Playwriting, Pantomime,	
390, 490	Puppet Theatre, Experimental Theatre, etc.)	
199, 299	Guided Independent Study in Theatre	
399, 499		
380, 480	Problems in Technical Theatre Directed projects in aspects of technical theatre design and construction (scenery, costumes, lighting, etc.) which will be planned, developed and completed as a part of the production program of the Highland Players.	
1974-75 Courses Omitted from 1975-76 Catalog		
301	Theatre History and Literature I	4 hpw
302	Theatre History and Literature II	4 hpw

Division of the Mathematical, Natural, and Health Sciences

Chairman: Donald G. Barnes

Programs

Biology

Chemistry

Mathematics

Physics

Physical Education

Majors

Biology

Business-Chemistry

Chemical Physics

Chemistry

Mathematics

Mathematics and Computer Science

Physical Education

Pre-medical

Pre-dental

Pre-veterinary

Pre-paramedical

A variety of careers in the health sciences may be pursued at St. Andrews where students can develop expertise in medically related skills such as electron microscopy, nuclear magnetic resonance spectroscopy, gas chromatography, and radioactive isotope techniques.

Pre-medical and pre-dental students can receive a complete background for their professional training. These students are encouraged to develop elective areas of interest while completing the required courses in biology, chemistry, physics, and mathematics. Investigative laboratories and participation in ongoing faculty research promote a problem-solving orientation to science which is valuable in future studies. In addition, pre-medical students are also encouraged to have the experience of a medical internship taken at a local hospital.

Medical technology certification and the Bachelor of Science degree is normally conferred after three years of study at St. Andrews and one year of clinical training at an American medical Association-approved school of medical technology. The three-year program at St. Andrews is designed to meet minimal entrance requirements in the

medical technology schools and includes the following courses: Biology 201, 202, 210, 302, 305; Chemistry 201, 202, 303, 304; and Math 115 and 205. Specific schools of medical technology may require additional entrance requirements. St. Andrews has a special cooperative arrangement in the medical technology program with the following schools: Bowman Gray School of Medicine, Winston-Salem, N. C.; Duke University Medical Center, Durham, N. C.; Grady Memorial Hospital, Atlanta, Ga.; Medical College of Virginia, Richmond, Va.; Presbyterian Hospital and Charlotte Memorial Hospital, Charlotte, N. C.; and Rex Hospital, Raleigh, N. C.

Curricula which prepare for physical therapy certification usually require two to three years of study at St. Andrews and one or two years of training at a school of physical therapy. The completion of the Rehabilitation and Evaluation Center on the campus and the development of programs in paraplegic and quadriplegic education and housing provide a unique experimental environment for the student of physical therapy at St. Andrews.

Courses of study leading to careers in social medicine, cytotechnology, nursing, inhalation therapy, optometry, and veterinary medicine are also available. Curricula which provide for the completion of precise requirements for entrance into the above professional schools are designed by the student in consultation with the Pre-Medical Committee.

Biology

Assistant Professors Applegate, Blair, Clausz (Chairman), Styron

Major in Biology

The curriculum for the biology major is designed by the student with the aid of a faculty advisory team. The major requirements therefore consist of a program mutually acceptable to the student and the advisory team. The student program is then approved by the faculty of the Division of the Mathematical, Natural, and Health Sciences. This flexibility enables pre-medical and pre-dental students to construct their major program to meet the requirements of the specific professional school of their choice. A student intending to go to graduate school in biology or other related fields such as anthropology, sociology, or psychology may also tailor his program to the requirements of a particular school. Programs may also be constructed by the student to meet his needs if he plans to teach in secondary schools or enter

industry or government. Students who anticipate not using their biological training in post baccalaureate studies or profession may elect a series of courses which best meet the needs of their liberal arts education. The basic guidelines for such a contract major in biology are no fewer than ten courses on the contract of which five are at the 300-400 level and no fewer than six Biology courses of which four are on the 300-400 level.

Courses in Biology

201	Organismal Biology	6 hpw
202	Genetics	6 hpw
207	Human Anatomy and Physiology An introduction to human biology covering anatomical structure and function of various systems: skeletal, muscular, digestive, endocrine, nervous, urinary, reproductive and integumentary. Intended for physical education, education, allied health and social science students. Offered in fall term of odd-numbered years. Prerequisite: Biology 201 or consent of the instructor.	6 hpw
210	Microbiology	6 hpw
302	Cell Physiology Offered in even-numbered academic years, fall term	7 hpw
305	Embryology (Formerly titled Growth and Development) Offered in even-numbered academic years, spring term	7 hpw
307	Environmental Biology (Formerly Biology 205) Offered each fall term. Prerequisite: Biology 201 or Junior standing.	7 hpw
308	Radiation Biology Prerequisite: Biology 307	7 hpw
316	Plant Structure and Function A study of the anatomy and physiology of vascular plants	7 hpw

examining the plant cell and its metabolism, anatomy of plant organs, mineral absorption and nutrition, translocation of water and solutes, plant hormones, and reproductive physiology. Offered in odd-numbered academic years, spring term. Prerequisite: Biology 201.

407 Functional Vertebrate Anatomy 7 hpw

A study of the major vertebrate classes focusing on the anatomy, evolution, and function of fishes, amphibians, and mammals. The laboratory involves the dissection of representative vertebrates. Recommended, though not required, for pre-medical, pre-dental, and pre-graduate students. Offered in even-numbered academic years, fall term. Prerequisites, Biology 201, 202.

410 Mycology and Plant Pathology 7 hpw

A survey of the major groups of the fungi emphasizing life history, physiology, morphology, phylogeny and plant pathology. Special emphasis is placed on the study of organisms used as experimental tools in the study of genetics, hormones and developmental biology. Offered in odd-numbered academic years, fall term. Prerequisite: Biology 201.

190, 290 Special Studies in Biology
390, 490

199, 299 Guided Independent Study in Biology
399, 499

Chemistry

Professor Miller; Associate Professors Barnes, Wetmore (Chairman); Assistant Professor Stephens

Major in Chemistry

Courses of study within the Chemistry Program are designed to meet the needs of the individual student. The course requirements for a chemistry major are developed by the student with the chemistry faculty and submitted to the Division of Mathematical, Natural, and Health Sciences for approval. Once approved, successful completion of a course of study satisfies the degree requirements of the Division of Mathematical, Natural, and Health Sciences. The flexibility of the pro-

gram allow each student to direct his or her program toward a specific career goal such as medicine; dentistry; law; health, environmental, and industrial science; research; or teaching. The Chemistry Program, including supporting disciplines, does not require more than 14 courses.

The chemistry curriculum is a concept-centered spiral approach that cuts across many of the traditional divisions of chemistry. In the laboratory, standard experiments and manuals have been replaced by an integrated series of open-ended projects. The basic guidelines for a "contract major" in Chemistry are: No fewer than 10 courses in the contract, of which at least 5 must be at the 300-400 level; no fewer than 6 chemistry courses, of which at least 4 must be at 300-400 level; no fewer than 4 chemistry laboratories.

Major in Chemical Physics

The interdisciplinary major in chemical physics has been designed by the division to open a field of study which is concerned with the fundamental understanding of matter at the molecular level. Generally classed as a theoretical science, chemical physics is interdisciplinary in nature and will appeal to the student who is more interested in the quantitative and mathematical description of molecular behavior than he is in its qualitative and experimental aspects.

Major in Business-Chemistry

The Chemistry Program participates in an interdisciplinary business-chemistry major designed for those with a strong interest in management in technically oriented fields. For major requirements, see the description under the Business Administration Program.

Courses in Chemistry

201	Bonding and Structure I	6 hpw
202	Chemical Reactions I	6 hpw
205	Environmental Chemistry An introduction to energy and energy laws, principles of pollution and its control, air and water pollution, solid wastes, food additives, pesticides, and the health effects of various chemicals. Designed especially for students major-	3 hpw

ing in environmental studies, health sciences, and the social sciences. Offered fall term of even-numbered academic years.

301 Bonding and Structure II 4 hpw
Offered in even-numbered academic years, fall term

303 Chemical Reactions II 7 hpw

304 Chemical Reactions III 7 hpw
Offered each spring term

306 Thermodynamics and Kinetics I 4 hpw
Offered in odd-numbered academic years, fall term

401 Bonding and Structure III 7 hpw

402 Chemical Reactions IV (Biochemistry) 4 hpw
Offered in odd-numbered academic years, spring term

406 Thermodynamics and Kinetics II 7 hpw

190, 290 Special Studies in Chemistry
390, 490

199, 299 Guided Independent Study in Chemistry
399, 499

Project Oriented Laboratories

Laboratory I

Laboratory II

Laboratory III

Laboratory IV

Laboratory V

Laboratory VI

Mathematics and Computer Science

Associate Professors Morgan, Rolland, Somerville (Chairman).

Major in Mathematics

The mathematics major consists of 10 courses in mathematics and computer science, including Math 471, one course in computer science, and one course in probability or statistics. Math 207, 208, and 313 cannot be used to satisfy this requirement, and only one of Math 113 and 115 may be used.

Students who expect to pursue graduate study in mathematics are encouraged to take Math 361 and 362 and to obtain a basic reading knowledge of French or German. Those who plan to teach in the secondary schools should take Math 330. Math 313 is required for Class A certification as a secondary teacher of mathematics in the North Carolina schools. At least five of the courses in the major must be at the 300-400 level.

Major in Mathematics with Concentration in Computer Science

The student who completes four courses in computer science while satisfying the requirements for a mathematics major may have the major designated as Mathematics with Concentration in Computer Science.

Courses in Mathematics

110	Logic, Proof and Systems	3 hpw
113	Mathematics for the Social and Behavioral Sciences	3 hpw
115	Elementary Functions and Coordinate Geometry	3 hpw
121, 122	Calculus	4 hpw
205	Statistics	3 hpw
207	The Real Number System and its Subsystems	3 hpw

208	Structures of Algebra and Geometry	3 hpw
221	Linear Algebra	3 hpw
310	Multivariable Calculus (Formerly Math 223)	4 hpw
313	The Teaching of Mathematics	3 hpw
330	Geometry	3 hpw
340	Ordinary Differential Equations	3 hpw
361, 362	Introductory Real Variable Theory	3 hpw
471	Algebraic Structures	3 hpw
190, 290 390, 490	Special Studies in Mathematics	
199, 299 399, 499	Guided Independent Study in Mathematics	
Courses in Computer Science		
110	Introduction to Computer Science	3 hpw
202	Artificial Languages	3 hpw
301	Data Structures	3 hpw
302	Operating Systems	3 hpw

Physics

Associate Professors Barnes, Rolland

Major in Chemical Physics

A description of the major is under the Chemistry Program

Courses in Physics

201, 202 General Physics **6 hpw**

305 Analytical Mechanics **6 hpw**

306, 307 Waves and Electromagnetic Fields **6 hpw**

405 Quantum Mechanics **4 hpw**

190, 290 Special Studies in Physics
390, 490

199, 299 Guided Independent Study in Physics
399, 499

Science Education

**313 Materials and Methods in the Teaching of High School
 Science** **5 hpw**

Usually offered as part of the internship term.

Health and Physical Education

Professor Smith (Chairman); Assistant Professors Whiteley, Williams.

The Physical Education Program is composed of the major program, the required program, intramural athletics, intercollegiate athletics, and recreational activities on an informal basis.

Major in Physical Education

Requirements for the major: A minimum of ten courses in Physical Education of which five must be at the 300-400 level. The ten courses must include Physical Education 210, 211, 214, 314, and 403. In addi-

tion the major student is required to take Biology 207 and an introductory psychology course.

Each student's program will be developed with a departmental advisor to best fit the interest of the student. The two major tracks are for those interested in teaching and for those interested in adapted programs for handicapped persons. Students interested in teacher-certification will have to include in their program certain education courses including a student internship. Those interested in adapted programs for handicapped people should begin to develop their background in biology, chemistry, and physics during the freshman and sophomore years.

Students majoring in Elementary Education may elect a concentration program in physical education. Majors in other subject matter areas with an interest in coaching interschool sports may select appropriate courses to prepare them for work in this area.

Required Physical Education Program

Every student in the College who is a candidate for a degree must complete satisfactorily four terms of physical education which constitute one full course. Full course credit is given only when all four terms are completed. In addition, all freshmen and transfer students must demonstrate proficiency in swimming. The emphasis in this program is on life-time sports.

The first two regular terms of the physical education requirement must be satisfied by registration in and satisfactory completion of any of the activity courses offered in the catalog.

The swimming proficiency requirement may be satisfied by passing a basic swimming test or satisfactory completion of a beginning swimming class, PE 101. It is suggested that the first two regular terms and the swimming proficiency requirement be completed in the freshman year.

The second two regular terms of required physical education may be satisfied in the following ways:

1. Continued registration in activity courses listed in the catalog. Courses previously completed cannot be repeated with the exception of PE 250, intercollegiate athletics.
2. Competency testing (skill and knowledge), which is available in selected activities each fall and spring term.

3. Contracts for credit that may be worked out with the physical education staff members in the following areas:
 - a. off-campus formal instruction by an expert in the activity.
 - b. on-campus instruction by an expert in the activity.
 - c. intramural athletics.

PE 250 (intercollegiate athletics), competency testing, and contracts are graded on a pass-fail basis.

Activity Courses

101	Beginning Swimming	2 hpw
103	Adaptive Physical Education	2 hpw
110-115	110 Touch Football-Soccer	2 hpw
	112 Handball	2 hpw
	113 Raquetball-Squash	2 hpw
	114 Conditioning and Development	2 hpw
	115 Weight Training	2 hpw
120-126	120 Field Hockey-Volleyball	2 hpw
	123 Raquetball	2 hpw
	124 Modern Dance	2 hpw
	125 Body Mechanics/Conditioning	2 hpw
	126 Self Defense for Women	2 hpw
201-207	201 Recreational Games — Bowling, Billiards, Table Tennis	2 hpw
	202 Badminton-Archery	2 hpw
	203 Beginning Golf	2 hpw
	204 Volleyball	2 hpw
	205 Beginning Tennis	2 hpw
	207 Intermediate Swimming and Junior Life Saving	2 hpw
	208 Tumbling-Gymnastics	2 hpw
301-309	301 Advanced Bowling	2 hpw
	302 Advanced Tennis	2 hpw
	303 Advanced Golf	2 hpw
	304 Advanced Tumbling and Gymnastics	2 hpw

	305 Folk Dance	2 hpw
	306 Senior Life Saving	2 hpw
	307 Water Safety Instruction	2 hpw
	308 Advanced Badminton	2 hpw
	309 Squash	2 hpw
	313 Advanced Weight Training	2 hpw
250	Varsity Athletics	

Theory Courses

210	Personal and Community Health	3 hpw
211	Introduction, History, and Principles of Physical Education, Health Education, and Recreation	3 hpw
212	Movement Education	3 hpw
214	First Aid and Sports Medicine	3 hpw
215	Officiating in Major and Minor Sports	3 hpw
300	Principles of Adapted Physical Education	3 hpw
310	Organization and Administration	4 hpw
311	Evaluation in Physical Education	4 hpw
312	Team Sports: Skills and Techniques	4 hpw
313	Teaching Physical Education in the Secondary Schools	4 hpw
314	Kinesiology	4 hpw
316	Individual and Dual Sports: Skills and Techniques	4 hpw
401	Recreational Activities and Therapeutic Exercise for the Exceptional Student	4 hpw
402	Physiology of Exercise	3 hpw
403	Senior Seminar in Physical Education	
190, 290 390, 490	Special Studies in Physical Education	
W41	Teaching Health Education and Physical Education in the Elementary Schools	Winter Term

Honors

ST. ANDREWS HONOR SOCIETY — Honor Society membership is awarded to junior and senior students who have earned an overall average of 3.25 or better on 18 courses at St. Andrews. Members serve as marshals at convocations and special events, and members who are juniors serve as marshals at Commencement.

HONOR SOCIETY MEMBERS for 1974

Rosalind E. Banbury	Charles D. Harris	Pamela S. Pusey
Stephen T. Barber Jr.	Martha J. Helms	Roland N. Rackett III
Henry A. Bowen	Eileen R. Hogan	David A. Ralph
Phillip A. Bradley	Diane E. Hogg	Hudson C. Rogers
Roderick C. Brown	Sydney G. Humphress	Rosemary Rowe
John E. Bush	Benjamin R. Irvin	Dennis W. Sharpe
Emily R. Cheney	Virginia E. Jackson	Elizabeth R. Shirley
Stevie O. Daniels	Edgar M. Kahn	Marjorie Siegel
Janice R. Davidson	Edmund B. Kerr	Ronnie B. Smith
Gregory T. Dickie	Steven M. McAlister	Thomas W. Sperling, Jr.
Deborah S. Drinkard	Julie A. McCollum	Helen E. Stalder
Sue C. Everett	William A. McNair	Nancy W. Sullivan
Michael T. Fletcher	Pamela A. McNeil	Bruce A. Taylor, Jr.
William J. Fragaszy	Julia M. Melvin	Katherine Upchurch
Debra C. Goranson	Diana L. Montgomery	Neal K. Whittenburg
James E. Haddix	Katrina R. Nesbit	Evelyn N. Worth
Kathryn E. Hall	Thomas K. Patterson, Jr.	

HONOR SOCIETY MEMBERS for 1975

Eleanor A. Acker	Benjamin R. Irvin	Barbara A. Parker
Rosalind E. Banbury	Virginia E. Jackson	Pamela S. Pusey
Joanne Bradbury	Edgar M. Kahn	Roland N. Rackett
Phillip A. Bradley	Jessie Glenora Kennedy	Elizabeth L. Rambo
Dorothy E. Buffington	Edmund B. Kerr	Harold L. Robinson
Donald R. Campbell	Edward R. Leager	Rosemary Rowe
Gregory T. Dickie	Shoon Ledyard	Melissa Satterwhite
Deborah Drinkard	Joan B. Lyon	Ronnie B. Smith
Janet Hannah Eskridge	Louann Mathews	Mary M. Solomon
Barry K. Gribble	William A. McNair	Nancy Willing Sullivan
Catherine I. Gurganus	Julia M. Melvin	Lynn Horine Taylor

Terry M. Hagan	Diana L. Montgomery	Katherine Upchurch
Karen E. Hardison	Dorothy D. Montgomery	Nancy C. Wall
Charles D. Harris	Richard A. Morgan	Neal K. Whittenburg
Eileen R. Hogan	Helen R. Moseley	William V. Wilmot III
Diane E. Hogg	Loretta Maureen Newton	Evelyn N. Worth
Sydney Gay Humphress	Alice V. Nichols	

HONOR GRADUATES — At Commencement St. Andrews bestows special recognition upon those students whose academic work has been of superior quality. To those with an average of 3.50 or better, degrees are awarded with honors. To those with an average of 3.75 or better, degrees are awarded with high honors. Transfer students will be evaluated for honors on an individual basis by the Faculty.

HIGH HONORS of the Class of 1975

Deborah Sue Drinkard, Greensboro, North Carolina
 Kathryn Eileen Hall, Ellenboro, North Carolina
 Charles David Harris, Kinston, North Carolina
 Benjamin Reid Irvin, Elizabeth City, North Carolina
 Edgar M. Kahn, Franklin, North Carolina
 Richard Allan Morgan, Huntington, West Virginia

HONORS

Rosalind E. Banbury, Candor, North Carolina
 Phillip A. Bradley, Richmond, Virginia
 Diane E. Hogg, West Point, Georgia
 Sydney G. Humphress, Chamblee, Georgia
 Virginia Ellis Jackson, Sterling, Virginia
 William Alfred McNair, Atlanta, Georgia
 Julia M. Melvin, Fayetteville, North Carolina
 Diana Lynn Montgomery, New Bern, North Carolina
 Nancy W. Sullivan, Baltimore, Maryland
 Evelyn Nisbet Worth, Americus, Georgia

Admissions

Application for the Freshman Class

The student interested in attending St. Andrews as a freshman should submit an application early in his or her senior year of high school. While there is no application deadline, places in next year's freshman class are filled throughout the year, but primarily in the fall and winter.

St. Andrews requires an official high school transcript, a recommendation from the high school, and scores from either the Scholastic Aptitude Test (SAT) of the College Entrance Examination Board or the American College Testing Assessment Program (ACT).

No specific grade average in high school or test result assures admission to the College. Each applicant's total record is evaluated before admission is approved or denied. In addition to the high school academic record and test result, the major factors considered include rank in class, the type of subjects studied, proficiency in English, personal attributes, and interests and involvements in school and community activities.

Preparatory training should emphasize the traditional academic subjects. The recommended high school credits include four units of English, two or more units of a foreign language, three units of mathematics (two of algebra and one of plane geometry), two units of social sciences, two units of natural sciences, and two or more units in electives. An applicant who has not taken all the recommended subjects will not be denied admission for this reason alone, provided course credits are reasonably similar to those recommended.

Applicants will be notified of their acceptance or rejection soon after the College receives their first semester senior grades and their senior SAT or ACT scores. Those applicants who are accepted are expected to notify the College of their intent to enroll by May 1, the Uniform Candidate's Reply Date.

Early Admission and Deferred Admission of Freshmen

St. Andrews offers an early admission option for the exceptionally strong student academically with the approval of his or her high school guidance counselor. Such a student may seek admission to the College at the end of his or her junior year of high school if he or she has completed senior English.

The College permits anyone accepted for the freshman class to defer entrance to the College for a year after completing high school.

College Credit through Examination

St. Andrews participates in both the Advanced Placement Program and the College Level Examination Program (CLEP) of the College Entrance Examination Board. Students achieving a score of four or five on any Advanced Placement Program examination will receive college credit in the subject at St. Andrews, while those achieving a score of three on any of these examinations may be placed in an advanced course in the subject. This policy applies only to those examinations in fields of study similar to courses in the College's program of study and does not exclude a student from meeting the general education requirements for a degree.

Application for Transfer

St. Andrews accepts transfer students from accredited colleges and universities into any class. Students wishing to transfer to the College should have maintained at least a "C" average in all college work undertaken. In support of an application, the College requires an official transcript of the academic record from each college or university attended.

Application by Graduates of Junior and Community Colleges

Graduates of junior colleges and two-year community colleges who have completed a liberal arts program and received the Associate of Arts degree can expect junior standing as transfer students at St. Andrews.

Application by the Physically Handicapped

St. Andrews requires applicants who are physically handicapped to follow certain additional procedures for admission. Detailed information is available from the Director of the Rehabilitation Center, Health, and Counseling.

Application by Foreign Students

Foreign students applying for admission to St. Andrews may submit the results of the Test of English as a Foreign Language (TOEFL) or scores from the SAT or ACT.

Campus Visits

Prospective students and their parents are encouraged to visit the St. Andrews campus to discuss the College and its programs and to familiarize themselves with the environs. The College recommends planning such visits during the regular academic year when the full complement of students, faculty, and administrators is available to answer questions.

While an appointment for an interview is not required, it is suggested. Those people planning a campus visit who have not already applied for admission to the College should send an official high school transcript with their request for an appointment to the Office of Admissions. Appointments are scheduled from 9 a.m. to 4 p.m. weekdays and on Saturday mornings throughout the year.

Cost

The College automatically classifies each student whose permanent residence is beyond commuting distance from the campus as a resident student unless he or she receives written approval as a non-resident student. Students may apply for non-resident status through the Office of the Dean of Students. When non-resident status is approved after the beginning of a term, charges are prorated according to the time spent in each status.

Cost for Resident Students (Both In-State and Out-of-State)

Tuition	\$2,100
Room (double occupancy)	425
Board (seven days a week)	<u>700</u>
Total	\$3,225

By action of the North Carolina General Assembly a \$200 grant is made to each North Carolina student enrolled at St. Andrews for the 1975-76 academic year.

Cost for Non-Resident Students (Both In-State and Out-of-State)

Tuition	\$2,100
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Additional expenses will be incurred for books, laundry, and incidentals.

Schedule of payments of the Fees

For resident students

Room reservation deposit due May 1 (non-refundable after May 1)	\$ 100
Balance of Fall/Winter term fees due August 31	1,670
Spring term fees due January 31	<u>1,455</u>
	\$3,225

For non-resident students

Fall/Winter term fees due August 31	\$1,150
Spring term fees due January 31	<u>950</u>
	\$2,100

Any other arrangement for payment must be made with the College Business Office prior to registration. Financing plans available through private companies have enabled many students to arrange

their payments to fit more conveniently with family budgets. For information, contact the College Business Office.

Summer Term Fees

Charges per five-week session:

Tuition per course	\$160
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Room and board	190
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Music fees:

For two one-hour lessons per week	100
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For one one-hour lesson per week	50
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For one half-hour lesson per week	25
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Campus Post Office Box Fee	1
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Expenses for Physically Handicapped Students

Physically handicapped students, their parents, and vocational rehabilitation counselors should contact the Director of the Rehabilitation Center, Health, and Counseling at St. Andrews for special services to the handicapped.

Student Accident and Sickness Insurance

St. Andrews makes available each year a low-premium accident and sickness insurance plan to full-time students through the cooperation of a commercial insurance company. The College recommends strongly that parents secure such protection for their sons and daughters if adequate coverage is not provided through family or individual insurance programs. A letter and brochure explaining this plan will be mailed to every student following his or her acceptance.

Housing Damage Deposit

Each resident student will be required to pay a \$50 housing damage deposit, against which damage charges will be assessed. The student will be responsible for restoring the balance to the \$50 level at the beginning of each academic term, and for paying any damage charges in excess of amount of the deposit. The balance of the deposit will be refunded within one month after the end of the student's tenure at St. Andrews.

Laundry Rental Service

A laundry rental service is available. Information describing this service will be sent to a student after he or she has paid the room reservation deposit.

Winter Term Food Credit

Each boarding student participating in a St. Andrews winter term catalog course in which the enrolled group will be away from our campus for more than three days will receive a credit for the meals missed thereby. No action will be required by the student.

Credit will also be given to each boarding student taking an approved winter term exchange course at another institution or a guided independent study off-campus, provided the student submits to the College Business Office, prior to the start of the winter term, a request showing the approval of his faculty advisor and the registrar.

The credit will be applied to the student's account in January rather than being refunded prior to the trip. The credit will be calculated at the rate of \$2.20 per day, counting breakfast, lunch, and dinner at $\frac{1}{6}$, $\frac{2}{6}$, and $\frac{3}{6}$ of a day, respectively.

Cancellation of Registration, Withdrawals, and Refunds

Students who register in the advanced registration period will be considered registered for billing purposes unless a formal cancellation of registration is filed with the registrar. On or after the first day of classes, an enrolled student leaving the College must follow the prescribed withdrawal procedure. Information on the procedure for withdrawal from the College and related refunds is given in the section "Academic Information."

Refund Insurance

Withdrawals and other absences do not reduce the operating costs of the College because commitments for salaries and other operating costs are on an annual basis. For this reason the College has found it necessary to restrict its refund period to the first three weeks of the fall and spring terms. (See "Withdrawal from the College," Page 25 in 1974-75 Catalog) However, parents who wish to insure against unforeseen contingencies which could cause the student to leave school later in the academic period may obtain refund insurance to cover the major causes of separation. Coverage is available on an optional basis, only at the scheduled time of registration, for a fee of \$55 for the combined fall and winter terms and \$45 for the spring term. Further information is available from the College Business Office.

Schedule of Payment of Other Fees

Other fees and charges which may apply, are due when they are assessed and are payable at the College Business Office. Continuous non-payment will result in penalties including withholding of transcripts and preventing subsequent registration for classes at the College.

Other Fees

Music Fees (cost per term, fall or spring)	
One hour or more of lessons per week	\$120
One half-hour lesson per week	60
Accompanist	15
Rental of instruments (per instrument)	10
Late Registration Fee (Applies if a student fails to complete registration and pay fees before the first day of classes)	
	15
Change of Schedule Fee (Applies for changes in a program of courses after the approved drop-add period)	
Per course added	5
Per course dropped	1
Course Fee for a Reduced Load (Charge for less than three courses in the fall or spring terms or for one course during the winter term)	
Fee per course	300
Campus Post Office Box Fee (Required of all students enrolled in any course)	
	2
Graduation Fee (required of all graduating seniors)	
	20
Teaching Internship Fee (Required of students enrolled in Ed 420-21)	
	60

Financial Aid

St. Andrews believes that the primary financial responsibility for a student's education lies with the student and his family. However, effort will be made to see that no academically qualified student is denied a St. Andrews education for lack of funds.

Gifts from churches and friends of St. Andrews, together with general funds administered by the College, make possible a financial aid program to meet the demonstrated needs of many students. St. Andrews awards more than \$400,000 annually in scholarships and financial aid to about 40 per cent of our students. The awards vary from several hundred dollars to almost the full cost of attendance.

All forms of financial aid at St. Andrews are based on need with the exception of scholarships for exceptional academic ability and a few specialized work grants.

Application for Financial Aid

A student seeking financial aid should apply for admission to St. Andrews and financial aid simultaneously. The Parents' Confidential Statement or, if he or she is completely self-supporting or independent, the Student's Financial Statement must be filed with The College Scholarship Service specifying St. Andrews as the recipient. Or, an aid applicant may submit the Family Financial Statement to the American College Testing Student Need Analysis Service. These statements are available from high school guidance counselors and principals or in the Office of Admissions. They should be submitted to the College Scholarship Service or the ACT Student Need Analysis System by February 15 and no later than March 1 to be assured consideration for financial aid. However, applications for financial aid will be considered whenever they are received. The College will notify each applicant immediately after the Financial Aid Committee determines the amount of the award.

Financial Aid Awards

Financial aid is ordinarily awarded as a combination of a grant or scholarship, workshop, or loan.

Grants — These consist of grants awarded by the College from its resources or Supplementary Education Opportunity Grants and Basic Educational Opportunity Grants derived from federal funds. The

student's family must apply for Basic Educational Opportunity Grants; applications are available in the Office of Financial Aid.

Scholarships — These are assigned to the academically talented students in place of or in addition to a grant. Among these provided by gifts on an annual basis are the Robert C. and Sadie G. Anderson Scholarships, the Grace Whitaker Kehaya Scholarship, The Mary Lynn Richardson Scholarships, The Algernon Sydney Sullivan Scholarships and the Lettie Pate Whitehead Scholarships.

Workshop — This is the St. Andrews name for a part-time campus job with an average work load of 10 hours weekly. A student with a workshop is expected to earn \$500 to \$600 annually, which is applied to his or her account. If applicable, social security and taxes are withheld from this amount.

Loans — These are National Direct Student Loans or similar loans made possible by federal funds. Loans from the College may be available for a few students who may not be eligible for federal loans. National Direct Student Loans carry a three per cent annual interest rate accruing nine months after a student leaves the College with payments beginning one year after he or she leaves the College.

Renewal of Financial Aid

A student must reapply for financial aid each academic year by having a Parents' Confidential Statement or a Student's Financial Statement sent to the College Scholarship Service. Aid usually continues at the same level each year, unless a student's resources or his parents' expected contribution changes. All enrolled students receiving aid automatically receive information on how to apply for renewal awards. Other students should request information before March 1.

While the Director of Financial Aid is happy to assist, each student must exercise his own initiative to keep the College informed of needs and of changes in his financial resources. For renewal, or changes in aid plans, students should observe the following additional requirements:

- (1) All students receiving assistance from the College through grants-in-aid, loans, or work opportunities are to maintain at least a cumulative "C" average. Any exception must be specifically provided for in writing from the Director of Financial Aid. All students must exhibit evidence of good citizenship for continuation of a financial aid plan with the College.

- (2) All students receiving assistance based upon need must report changes in financial resources, academic or citizenship problems which affect their status at the College, changes in marital status, and changes in campus or home address.

It is strongly recommended that resident students in need of financial aid avoid the additional financial burden of maintaining a motorized vehicle on campus.

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Halbert M. Jones
Laurinburg, N. C.

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Alumni Council 1975-76

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Charleston, South Carolina

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Howard Cobbs '65, Matthews, North Carolina

Gill Rock, Jr. '65, Durham, North Carolina

Wright Tisdale, Jr. '68, Greensboro, North Carolina

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James C. Keylon '69, Raleigh, North Carolina

Mrs. Wright Tisdale Jr. (Kay Holland '65), Greensboro, North Carolina

Virginia Kay McClanahan '67, Washington, D. C.

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J. G. "June" Campbell '38, Whiteville, North Carolina

Michael Cotten '67, Fuquay-Varina, North Carolina

Mrs. Thomas Wilkerson (Betty Ruth Barker '62), Charlotte, North
Carolina

OTHER MEMBERS OF THE COUNCIL

Norman "Yank" Alberts '69, Columbia, South Carolina

David Betts '69, Atlanta, Georgia

Hugh E. Bowman, II '48, Atlanta, Georgia

The Rev. Arthur S. Gatewood '68, Albemarle, North Carolina

Wilburn Hayden, Jr. '71, Greensboro, North Carolina

Mrs. Rufus R. Kimrey (Janet Wooten '65), Laurinburg, North Carolina

Edward Lee Minnich '70, Fayetteville, North Carolina

John Henry Moore '35, Laurinburg, North Carolina

Athos Rostan '67, Valdese, North Carolina

Mrs. Daniel Wemyess (Carolyn Thomasson '68), Kernersville, North
Carolina

REPRESENTATIVES: Class of 1975

Hugh L. Stone, III, Raleigh, North Carolina

Roland N. Rackett, III, Richmond, Virginia

Administration and Faculty

THE ADMINISTRATION (1975-76)

President, Alvin P. Perkinson, Jr., B.A.

Vice President for Academic Affairs and Dean of the College,
Victor C. Arnold, Ph.D.

Vice President for Development, J. Bruce Frye, B.A., B.D.

Business Manager, Julian M. Davis, Ed.D., C.P.A.

Director of Admissions, W. Dudley Crawford, B.A., B.D.

Dean of Students, Malcolm C. Doubles, Ph.D.

Librarian, Elizabeth A. Holmes, B.A., M.A.

Registrar, James F. Stephens, Ph.D.

Academic Affairs, Assistant Dean for Student Academic Affairs,
Robert Y. Valentine, M.A.

Admissions, Associate Director, Elaine B. Liles, B.S.

Admissions, Assistant Director, Cecil M. McMillan, M.A.

Alumni and Public Relations, Director, Thomas G. Sweeney, Jr.

Athletics, Director of Physical Education and Varsity Athletics,
Julian L. Smith, Ph.D.

Audio-Visual, Supervisor, Mary B. Barclay, B.A.

Business, Controller, Nelda Lee

Church Relations, Director, Allan Smyth, M.Div.

Computer, Director, William W. Rolland, Ph.D.

Computer, Manager of Computer Center, Larry Bramble, B.A.

Corporate Relations, Director, Francis P. Hurley, B.S.

Counseling, Robert M. Urie, Ph.D.

Financial Aid, Cecil M. McMillan, M.A.

Physical Education Center, Director, Floyd E. Blackwell

Physical Plant, Director, Karl Mattson

Physician, Hugh M. McArn, Jr., M.D.

Physician, David A. Williams, M.D.

President, Administrative Assistant to the President,
Jacqueline H. Singleton, B. A.

Rehabilitation Center, Director of Rehabilitation Center,
Robert M. Urie, Ph.D.

St. Andrews Studies, Director, Ronald C. Crossley, Ph.D.

Students, Associate Dean of Students, David McNair, M.A.

Winter Term, Coordinator, Carl W. Geffert, M.A.

The Faculty (1975-76)

EMERITI

Robert F. Davidson, Dean Emeritus

B.A., Davidson College; M.A., Oxford University; Ph.D., Yale University

Louis C. LaMotte, Professor of Greek and Director of Summer School Emeritus

B.A., Presbyterian College of South Carolina; M.A., University of South Carolina; B.D., Columbia Theological Seminary; Th.M., Princeton Theological Seminary; Th.D., Union Theological Seminary; D.D., Presbyterian College

James E. Carver, Professor of English Emeritus

B.A., University of Richmond; M.A., University of North Carolina at Chapel Hill; Ph.D., New York University

Carol Robertson, Professor of History Emeritus

B.S., George Peabody College; M.A., Columbia University

Ethel Bateman, Associate Professor of Physical Education Emeritus

B.A., Winthrop College; M.A., Columbia University

Margaret W. Bowen, Associate Professor of Religious Education Emeritus

B.A., Mary Baldwin College; M.A., Columbia University

Floyd E. James, Associate Professor of Mathematics Emeritus

B.A., Hanover College; M.A., University of North Carolina at Chapel Hill

Genevieve M. Neighbors, Associate Professor of Education and Social Science Emeritus

B.A., Flora Macdonald College; B.A., University of North Carolina at Chapel Hill

Leta W. McIntyre, Associate Professor of Business Education Emeritus

B.S., Winthrop College; M.Ed., University of North Carolina at Greensboro

Gentry W. Wade, Associate Professor of Business and Economics Emeritus

B.S., Oregon State College; M.A., New York University

PROFESSORS

William M. Alexander, Professor of Philosophy and Religion (1961)
A.B., Davidson College; S.T.M., Harvard Divinity School; PhD.,
Princeton Theological Seminary

Victor C. Arnold, Dean of the College and Professor of History (1971)
B.A., Western Michigan University; M.A., Ph.D., University of Wisconsin

Carl D. Bennett, Professor of English and Division Chairman (1959)
B.A., M.A., Ph.D., Emory University

Philip Leslie Bullock, Professor of Religion (1948)
B.S., North Texas State College; B.D., Th.M., Th.D., Union
Theological Seminary in Virginia

James V. Cobb, Jr., Professor of Music (1972)
B.A., B.M., Southwestern at Memphis; M.A., Boston University;
D.M.A., University of Illinois

John P. Daughtrey, Professor of Education and Psychology and
Chairman of the Teacher Education Program (1956)
B.S., University of Virginia; M.S., University of North Carolina at
Chapel Hill; Ed.D., University of Florida

Rodger W. Decker, Professor of Education and Psychology (1952)
B.A., Hope College; M.A., State University of New York at Albany;
Ed.D., Columbia University

Harry L. Harvin, Professor of History and Politics (1960)
B.A., Wofford College; M.A., Ph.D., Duke University

Herbert A. Horn, Professor of Piano (1963, 1969)
B.M., DePaul University; M.M., D.M.A., University of Southern
California

G. Tyler Miller, Jr., Professor of Chemistry and Human Ecology (1966)
B.S., Virginia Military Institute; M.S., Ph.D., University of Virginia

Helen Rogers, Professor of Music Theory (1955)
B.M., Susquehanna University; M.M., Northwestern University;
Ph.D., Indiana University

Alvin H. Smith, Professor of Psychology (1965)
B.A., M.Ed., Ph.D., University of Missouri

Julian L. Smith, Professor of Physical Education (1972)
A.B., M.A., University of North Carolina at Chapel Hill; Ph.D., Ohio
State University

W. D. White, Professor of English and Religion (1965)
B.A., M.A., Baylor University; Ph.D., University of Texas (English);
M.A., Ph.D., Princeton University (Religion)

ASSOCIATE PROFESSORS

Donald G. Barnes, Associate Professor of Chemistry and Physics and
Division Chairman (1967)
B.A., College of Wooster; Ph.D., Florida State University

Ronald H. Bayes, Writer-in-Residence and Associate Professor of En-
glish (1968)
B.S., M.S., Eastern Oregon College; University of Pennsylvania,
1959-60

Margaret W. Bennett, Serials Librarian and Cataloger (1961)
B.A., Valdosta State College; A.B. in L.S., Emory University

Ronald C. Crossley, Associate Professor of Religion (1968)
B.A., Samford University; B.D., Southern Baptist Theological
Seminary; Ph.D., Duke University

Julian M. Davis, Business Manager and Associate Professor of Busi-
ness Administration (1972)
B.S., Georgia Institute of Technology; C.P.A., State of Georgia;
Ed.D., University of Florida

Malcolm C. Doubles, Dean of Students and Associate Professor of
Religion (1965)
B.A., Davidson College; B.D., Union Theological Seminary in Vir-
ginia; Ph.D., University of St. Andrews, Scotland

J. Rodney Fulcher, Associate Professor of History (1962)
B.A., Duke University; M.A., Ph.D., Princeton University

Carl W. Geffert, Associate Professor of German and Coordinator of
Winter Term and off-campus projects (1963)
B.A., University of Virginia; M.A., University of California

Douglas W. Hix, Associate Professor of Christian Thought (1968)
B.A., Davidson College; B.D., Columbia Theological Seminary;
Ph.D., Duke University

Elizabeth A. Holmes, College Librarian (1966)
B.A., M.A. in L.S., Florida State University

James D. J. Holmes, Associate Professor of Business Administration
(1969)
B.A., M.S., University of Alabama; C.P.A., State of Mississippi

- Charles W. Joyner, Associate Professor of History (1966)
B.A., Presbyterian College of South Carolina; M.A., Ph.D., University of South Carolina
- Arthur W. McDonald, Associate Professor of Speech and Theatre (1962)
B.A., University of Georgia; B.D., Union Theological Seminary in Virginia; M.A., University of North Carolina at Chapel Hill; University of Indiana, 1967-68
- David A. McLean, Associate Professor of Anthropology (1962)
B.A., Davidson College, B.D., Union Theological Seminary in Virginia; M.A., Ph.D., University of Witwatersrand
- Stuart A. Marks, Associate Professor of Anthropology (1970)
B.S., North Carolina State University; M.S., Ph.D., Michigan State University
- George E. Melton, Associate Professor of History and Division Chairman (1968)
B.S., Davidson College; M.A., Ph.D., University of North Carolina at Chapel Hill
- William H. Morgan, Associate Professor of Mathematics (1961, 1970)
B.S., Appalachian State University; M.Ed., University of North Carolina at Chapel Hill; Ed.D., University of Georgia
- Catharine E. Neylans, Associate Professor of French (1958)
B.A., Wesleyan College; M.A., Ph.D., University of North Carolina at Chapel Hill
- Donald G. Paxton, Associate Professor of Business and Economics (1972)
B.S., M.S., Oklahoma State University; Ph.D., Tulane University
- William W. Rolland, Associate Professor of Computer Science and director of the Computer Center (1968)
B.A., King College; Ph.D., Duke University
- William H. Somerville, Associate Professor of Mathematics (1971)
B.A., King College; Ph.D., University of North Carolina at Chapel Hill
- Alfred E. Thomas, Director of the Career and Personal Counseling Center and Associate Professor of Psychology (1970)
Part-time
B.A., Davidson College; B.D., Union Theological Seminary in Virginia; Ph.D., University of North Carolina at Chapel Hill

David E. Wetmore, Associate Professor of Chemistry (1967)
B.A., Park College; M.A., University of Kansas; Ph.D., Texas A & M University

John E. Williams, Associate Professor of Organ (1951)
B.M., Oberlin Conservatory of Music; M.M., University of Michigan

ASSISTANT PROFESSORS

Arthur L. Applegate, Assistant Professor of Biology (1970)
B.S., Wake Forest University; M.S., University of South Carolina; Ph.D., Emory University

Aaron Earl Blair, Assistant Professor of Biology (1970)
On leave academic year 1975-76
B.A., Kansas Wesleyan University; M.S., Ph.D., North Carolina State University

Cornelius Bushoven, III, Assistant Professor of Politics (1969)
A.B., Davidson College; M.A., Ph.D., Duke University

John C. Clausz, Assistant Professor of Biology (1969)
B.A., Ohio Wesleyan University; M.A., Ph.D., University of North Carolina at Chapel Hill

Jeffrey P. Endicott, Assistant Professor of Psychology (1975)
B.A., University of Wisconsin; M.A., University of Chicago

George L. Fouke, Assistant Professor of Politics (1969)
B.A., Lafayette College; M.A., University of Pennsylvania; Ph.D., University of Colorado

F. Whitney Jones, Assistant Professor of English (1971)
B.A., Hamilton College; Ph.D., University of North Carolina at Chapel Hill

William James Loftus, Assistant Professor of French (1974)
B.A., University of Scranton; M.A., Ph.D., Pennsylvania State University

Luther Spencer Ludlow, Jr., Assistant Professor of Philosophy (1962)
B.A., Mercer University; M.Div., Union Theological Seminary in New York; Duke University, 1960-62

- Richard C. Prust, Assistant Professor of Philosophy (1967)
B.A., University of Wisconsin; B.D., Yale University; Ph.D., Duke University
- Lawrence E. Schulz, Assistant Professor of Politics (1971)
B.A., Redlands College; M.A., PhD., Claremont Graduate School
- Mark L. Smith, Assistant Professor of Art (1970)
B.F.A., Miami University, Ohio; M.F.A., Bowling Green State University
- O. Eugene Smith, Assistant Professor of Education (1975)
B.S., M.A., West Virginia University
- James F. Stephens, Registrar and Assistant Professor of Chemistry (1969)
B.S., West Virginia University; M.S., Marshall University; Ph.D., University of Tennessee
- Clarence E. Styron, Jr., Assistant Professor of Biology (1969)
B.S., Davidson College; M.S., Ph.D., Emory University
- Robert M. Urie, Assistant Professor of Special Education (1961)
B.A., Monmouth College; M. Div., Pittsburgh Theological Seminary; M.S., Ph.D., University of North Carolina at Chapel Hill
- Robert Y. Valentine, Assistant Professor of Spanish (1973)
B.A., M.A., Brigham Young University
- Thomas M. Whiteley, Assistant Professor of Physical Education and Head Basketball Coach (1971)
B.A., Guilford College; M.Ed., East Carolina University; Ed.D., University of North Carolina at Greensboro
- Jo Ann Williams, Assistant Professor of Physical Education (1966)
B.A., High Point College; M.Ed., University of North Carolina at Chapel Hill

INSTRUCTORS

- John N. Carson, Instructor in Theatre (1974)
B.A., Clemson University; M.F.A., University of Georgia
- Rooney L. Coffman, Instructor in Science Laboratories and Director of Logistics (1968)
B.A., St. Andrews Presbyterian College

David F. Evans, Instructor of Music (1973)

B.M., Oberlin College; M.M., West Virginia University

Sue Evans, Instructor in Music (1974)

Part-time

B.M., Oberlin Conservatory of Music; M.A., West Virginia University

David McNair, Instructor of Sociology and Associate Dean of Students (1968)

B.S., Fayetteville State University; M.A., Teachers College, Columbia

Robert C. Tauber, Instructor of Art (1974)

B.F.A., Denison University; M.F.A., Ohio University

Directory of Correspondence

General Information

President of the College

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Director of Admissions

Financial or Business Matters, Methods of Payment

Business Manager

Student Activities, Residence Hall Rooms

Dean of Students

Courses of Instruction, Other Academic Matters

Vice President for Academic Affairs

Transcripts, Records of Students

Registrar

Employment of Seniors, and Alumni

Director of Placement

Gifts, Bequests, and Alumni Affairs

Vice President for Development

Visitors to the campus are welcome. The offices of the College are open from 9 a.m. to 5 p.m. Monday through Friday. Appointments in the Office of Admissions are scheduled from 9 a.m. to 4 p.m. weekdays and on Saturday mornings.

